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RAFFERTY-ALAMEDA PROJECT

ENVIRONMENTAL IMPACT STATEMENT

Souris Basin
Development
Authority

CHAPTER 2

SOCIAL & ECONOMIC CIRCUMSTANCES

RAFFERTY/ALAMEDA ENVIRONMENTAL IMPACT STATEMENT

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SOCIAL AND ECONOMIC CIRCUMSTANCES

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PART TWO: SOCIAL AND ECONOMIC CIRCUMSTANCES

INTRODUCTION

Material in this section has been provided by a series of sources including among others, the Archives of the Province of Saskatchewan, the Legislative Library, the Saskatchewan Bureau of Statistics, and consultants to the Authority. The area of the Souris Basin is rich in history and the colourful character of its early settlers is described in the Provincial Archives; it seemed valuable to include some of this in the EIS.

Wherever possible, baseline data to 1986 from Saskatchewan sources has been used. By augmenting it with 1981 Statistics Canada material, a satisfactorily descriptive, statistical narrative is presented. Care has been taken to ensure that the theoretical boundaries within which data is collected correspond as closely as possible to the geographic boundaries of the area under consideration. Figure 1 illustrates the Souris Basin configuration on a Statistics Canada Census Division Map of theoretical divisions within which statistics are gathered and published. It can be seen that Census Divisions One and Two provide the "best fit" for demographic information on the Souris Basin area and therefore comprise the Study Area.

In this discussion of the social and economic impact of the Rafferty and Alameda initiatives, relative data is presented for Saskatchewan as a whole in order to give the reader context within which to consider the Study Area, the Saskatchewan portion of the Souris Basin, and the Project Area, those municipalities most directly affected by the Project. Specifically, the Project Area comprises:

R.M. 05 Estevan
R.M. 06 Cambria
R.M. 36 Cymri
R.M. 37 Homond
R.M. 67 Weyburn; surrounding the proposed Rafferty dam and reservoir; and

R.M. 33 Moose Creek
R.M. 63 Moose Mountain;

surrounding the proposed Alameda Dam and Reservoir. Cities and towns within the Project Area have been identified and assessed individually where appropriate.

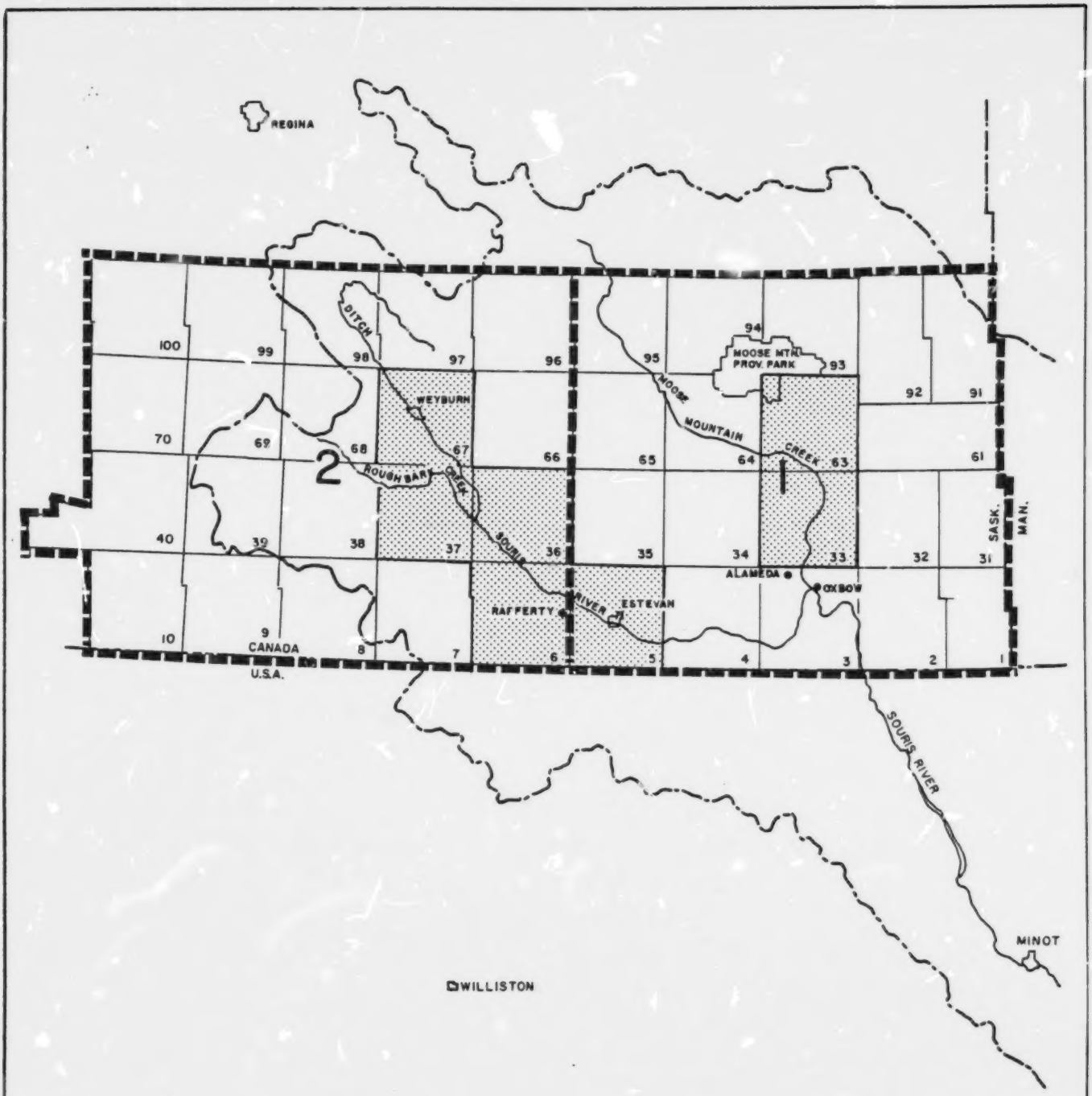


FIGURE 1

LEGEND

PROJECT AREA

SOURIS BASIN BOUNDARY

SOURIS BASIN DEVELOPEMENT AUTHORITY

OVERLAY: SOURIS BASIN
ON 1981 CENSUS DIVISIONS

RAFFERTY/ALAMEDA

Current information regarding White Bear Indian Reserve, near the perimeter of the Study Area, has been provided by Indian and Northern Affairs Canada. The Band Profile is included as an Appendix.

It should be noted that population data drawn from SHSP records differs somewhat from that presented by Census Canada. The Director, Saskatchewan Bureau of Statistics has provided the following explanation:
"SHSP population data compared to the Canada Census data of the same year generally tends to move in the same direction as census population data. However, the SHSP population file tends to carry a higher population than is measured by the Canada Census because it reflects all 'covered' population; eg. students studying 'away' from home."

BACKGROUND

Writing in 1958, Allen R. Turner[1] noted that primitive man frequented the Souris Valley at the time the Pharaohs of Egypt were building the pyramids. Archaeological investigations near Estevan in 1957 had revealed nine levels of occupancy. Using the Carbon 14 process, cultural material at the lowest level was dated at 5,000 years (± 125) and material from subsequent digs at Oxbow was dated at 5,200 years (± 130).

Upper levels at the Estevan Site merged into the period of recorded history, which for the Souris is over 200 years. LaVerendrye's notes of January, 1739 on discovery of a river in that area probably refer to the Souris: he appears to have crossed at its elbow. Allen is of the view that when LaVerendrye's sons went in search of the Western Sea in 1742, they undoubtedly began their journey along the Souris route to the Missouri. He goes on to describe the travels of David Thompson in 1797-98 from the Souris Fort; the Souris River as disputed ground for the Sioux and Assiniboine Indians; the upper Souris being under the control of the Rapid or Fall (Gros Ventre) Indians in the early 1800's; and the ultimate occupancy of the area by the Assoiniboine Indians with visits from Cree allies.

In 1853, Governor Isaac I. Stevens, in his account of exploration and survey for an American railroad to the Pacific, sent four men into the area. This sentence appears in his report: "An admirable reconnaissance by Mr. Lander develops a low, marshy prairie, extending with little variation of surface to the head of the Mouse River". Allen concludes that this party of men reached the vicinity of Weyburn, possibly beyond.

John Palliser's expedition of 1857 is well known for his description of Southern Saskatchewan as arid or desert country. It is probable that he came during a period of drought since this area, the Palliser Triangle, eventually proved to hold some lands of good agricultural capacity. John Macoun (after whom the town of Macoun is named), was a naturalist and geologist for the Canadian government. He visited the area in the years 1879-1881 and his reports modified the description provided by Palliser. During the same period, more attention was given to the coal deposits on the Souris. Dominion geologist A.R.C. Selwyn defined an extensive area of commercial coal deposits.

In the 1880's, agricultural lands were readied for settlement. Allen Turner closed his work with a description of the surveyors of the Dominion Land Survey who, in blocking the area in rows of townships, range by range, "carried out highly technical work and laborious jobs admidst the most adverse physical and climatic conditions".

Patrick Armstrong of the Leader Post; 1962[(2)] presented a series of articles on the history of the Souris River. He assigned the distinction of being the first settler on the Souris to one of two persons: in 1880, James Wiggins arrived at the present site of Souris, Manitoba where he built a shanty and plowed several acres while George Bell from Ontario settled at the same time in what was then Dakota Territory.

In 1881, these men were followed by a full scale land rush to the Souris plains of Manitoba. Led largely by W.H. Snowden, described by Armstrong as a man of tremendous energy, ambition and imagination, Souris grew more rapidly than any other settlement in the valley. (In 1904 Snowden built the now famous Souris swinging bridge, 582 feet in length and in 1962, still the longest single span suspension bridge in Canada).

These articles by Mr. Armstrong are a treasury of capsuled anecdotes about the Souris settlers - the powerful Carnduff man who carried 90 lbs. of wheat to the Souris mill and on his return carried not just the flour, but the bran, a side of bacon, sugar and other supplies; the annual Bachelor's Ball at Old Alameda to which sleighloads came from as far as Gainsborough 40 miles away; the smudge pots to protect summer picnics from the hordes of mosquitoes; horse thieves in the 1880's; and in the 1890's, the railway's replacement of the stage coaches serving Souris, Brandon, Old Alameda and the Moose Mountains.

In the late 1800's, a series of North West Mounted Police posts were established in the area and homesteading within the valley began around 1903, perhaps earlier. As farmsteads began to appear, so also did coal mines. The deep shaft mine at Shand began operation in 1908 and shortly thereafter, a brick plant opened at the mine site.

Times were not easy however for either farmers or industrialists. It is possible that water - too little or too much - and economic vulnerability are inextricably linked in the subsequent development of the Study Area. Scarcity of water probably accounts for the number of homesteads that were started during the period 1903-1916 then abandoned during the 1930's. On the other hand, in 1947, record snowfall resulted in flooding which washed out all the bridges on a branchline of the Canadian National Railway which ran through Colgate and Goodwater. The loss of that line significantly affected the pattern of settlement growth in the Lomond Rural Municipality.

One might argue that the inability to manage water resources in the area has repeatedly compromised initiative and prohibited the establishment of the economic strength required to withstand the vicissitudes of depression and drought. The Shand Coal and Brick Company closed in 1938 and the Post Office closed in 1948. Most villages and some towns have an uncertain future as rural populations continue to decline and services become more concentrated in larger communities. Water scarcity has limited the vitality of the area by reducing its capability either to maintain existing investment or to capture new opportunities. Lack of opportunity has forced younger people to build their

futures in other parts of the country. The result is an area characterized by rural decline and an aging population that is moving in larger numbers to fewer communities.

Contemporary development is predicated upon assured water supply and contemporary populations desire amentities that also require water of good quality. The current status of the Study Area is that it can not reliably fulfill either of these requirements.

CURRENT ECONOMIC SETTING

The Province of Saskatchewan

"Saskatchewan has faced a turbulent world economy in recent years. Commodity markets were depressed by the international recession of 1982. Financial structures were threatened by the sky-high interest rates that followed the change in monetary policy. World recession caused sharply higher unemployment and has led to cut-throat international competition. In Saskatchewan, severe drought in 1984 and 1985 limited provincial agricultural output."(3)

Such was the assessment of the Government of Saskathewan in July, 1986. The Saskatchewan Economic and Financial Report presented in March of 1987 further confirmed the provincial dependency on primary exports and the critical vulnerability to current and projected changes in world markets.(4) Clearly this province, like other parts of Canada, has sustained major economic blows in recent years. The economic future of the province is described as one of challenge. Increasing competition in world markets is foreseen and a shift in trading patterns toward new trading blocs in Asia, the Third World and within Soviet control is anticipated.

The 1985 U.S. Farm Bill cut world grain prices by 30 percent and this has a profound impact in Saskatchewan where it will cut $1 billion from farm revenues. Similarly, the 55 percent drop in world oil prices cost Saskatchewan over $1 billion in economic activity. As the economic outlook in 1985 weakened, 6,000 residents left the province.

The Conference Board of Canada(5) advises that this province's economy will perform at or below the national average in 1987 but may experience some recovery in 1988. Virtually no growth in agricultural output is expected in 1987-88. The Conference Board view is that the federal government payout to grain farmers will not fully offset the dramatic impact of the sharp fall in grain prices. Further, the mineral fuels sector will be weak over the forecast period. Saskatchewan is expected to post slow growth during 1987-88.

Major issues facing the economy of Saskatchewan are also described in a paper published by the Government of Canada.[6] Referring to water constraints and industrial diversification as major issues which must continue to be addressed, the paper also focuses on viability within the agriculture sector. Long term structural change rather than cyclical downturn may be the real issue. Fierce competition from the European Economic Community and the United States, and increased sufficiency with export capacity in other countries, suggests that international grain prices may remain low and volumes flat. These factors, with higher input costs have created a harsh cost/price squeeze for Saskatchewan farmers.

The Study Area

Heavily weighted in the primary resource sector (37% of the Study Area population is employed in primary industries compared to 22% for the Province), this corner of Saskatchewan is particularly sensitive to the current economic circumstances. The economy of the Study Area is largely based on agriculture - principally grains and cattle. Oil fields north and east of Estevan produce medium and light gravity crude oil. Low sulphur lignite coal is strip mined near Estevan.

The manufacturing and processing sector is considerably weaker in the Study Area than for the Province as a whole; however, the tertiary or service sector proportionately approaches that characteristic of Saskatchewan. Community, business and personal services and trade are the largest tertiary sector employers.

Agricultural producers in the Study Area have had a series of blows in recent years. In addition to drought which affected both cattle and grain production, they have been hit by record grasshopper infestations, a wet 1986 harvest and, most recently, the sharp fall in grain prices. Grain production in the area consistently falls behind the provincial average and fluctuations in the provincial cattle market are experienced even more sharply in the Study Area than in the province as a whole.

Employment in the area's oil and gas industry has declined sharply as a result of recent market developments. The Labour Market Review[7] for the fall of 1986, prepared by the Canada Employment and Immigration Commission (CEIC) noted that several local companies had laid off staff while other smaller firms had closed. The impact had more than doubled the number of Unemployment Insurance claimants at Estevan from the same period of the previous year (516 in 1985, 1134 in 1986). CEIC expects that this downturn in the industry will have a ripple effect in the local economy; they noted a discernable decline in job orders not only from the previous year but in the 4-5 month period prior to their report.

Recent announcements by provincial and federal ministers for energy are designed to facilitate industry investment and employment in the face of lower oil prices. With the continued lag in oil prices however and the lower short term demand, it may take some time to restore industry confidence to a level where new employment will occur.

Coal mining in the area is relatively stable for employment as it has a guaranteed principal client purchaser in the Saskatchewan Power Corporation. Also, Manitoba and Ontario Hydro are spot purchasers of the product.

Although there do not appear to be immediate prospects for growth in the manufacturing and processing sector, the outlook for the construction and service sectors appears favourable. The City of Estevan recently set a record for building permits for commercial and residential properties. The Estevan School Division #95 is adding school rooms, likely in anticipation of city growth. The Rural Underground Electrical Distribution Program of the Saskatchewan Power Corporation also has construction projects scheduled in the area for the coming year. Expansion projects for Midale Hospital and St. Joseph's Hospital, Estevan are proposed for 1988. Service sector and small business activity is likely to continue to be focussed in Estevan and Weyburn. It is possible that anticipation of the Rafferty, Alameda and Shand projects has heightened the opportunity profile of the Estevan area.

The Project Area

Economic activity in the Project Area is principally agriculture based, with some oil field development. The value of the agricultural lands is not high nor are yields, relative to provincial averages.

In the Rafferty portion of the Project Area, crop yields in recent years consistently fell behind the provincial performance in wheat, oats, durum, barley, fall rye, flax and, with the exception of R.M. 06 Cambria, canola (rape). Whereas annual wheat yields for the province were of net increases during 1980-1985, R.M.s in the Rafferty area experienced declines of -3% to -14% for the same period. Drought conditions severely affected area output during those years. Appendix One, Agriculture Performance illustrates crop yields by type in the Rural Municipalities of Estevan, Cambria, Cymri, Lowond and Weyburn. After falling by -9% in 1981, -1% in 1982 and recovering by 1% in 1983 to 18% in 1984, cattle marketing here plumetted by -18% in 1985.

The agricultural profile of the Alameda portion of the Project Area is somewhat better than that of the Rafferty R.M.s. Although falling behind provincial performance on most crops, the R.M.s of Moose Creek and Moose Mountain have exceeded average provincial yields in fall rye. The Agricultural Performance Appendix illustrates crop yields by type in the Rural Municipalities of Moose Creek and Moose Mountain, relative to province wide yields.

During the period 1980-1985, cattle marketing in the two Alameda R.M.s have tended alternately to fall sharply one year, rise the next and then fall again. In 1981, cattle marketings fell by -36%, rose by 28% in 1982, fell by -11% in 1983, rose by 21% in 1984 and fell by -17% in 1985.

As illustrated in Figures 2, 3 and 4, these fluctuations in cattle marketing suggest substantive market uncertainty for local producers in both the Rafferty and the Alameda sections of the Project Area.

The impact of the downturn in oil and gas activity has affected the Rafferty portion of the Project Area more than that of the Alameda. As smaller oil and gas companies have downsized or closed their operations, there have been corresponding adjustments in the local labour force. It is too early to forecast the degree to which drilling and other industry activity can be regenerated by the recently announced government policies. New development or employment growth, however, is unlikely to occur in the absence of a sustained increase in oil prices.

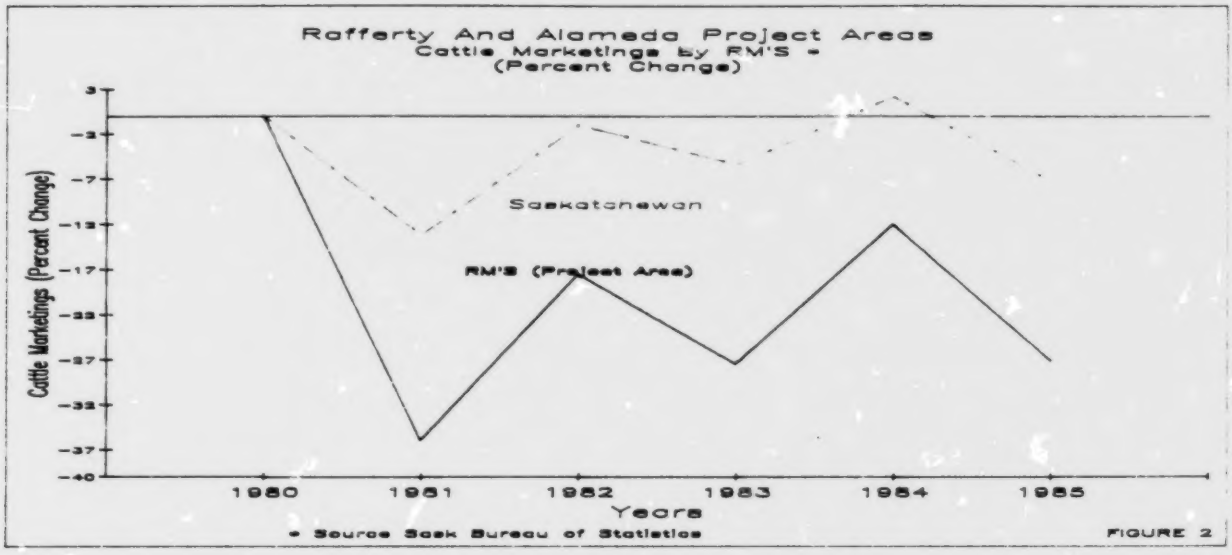


FIGURE 2

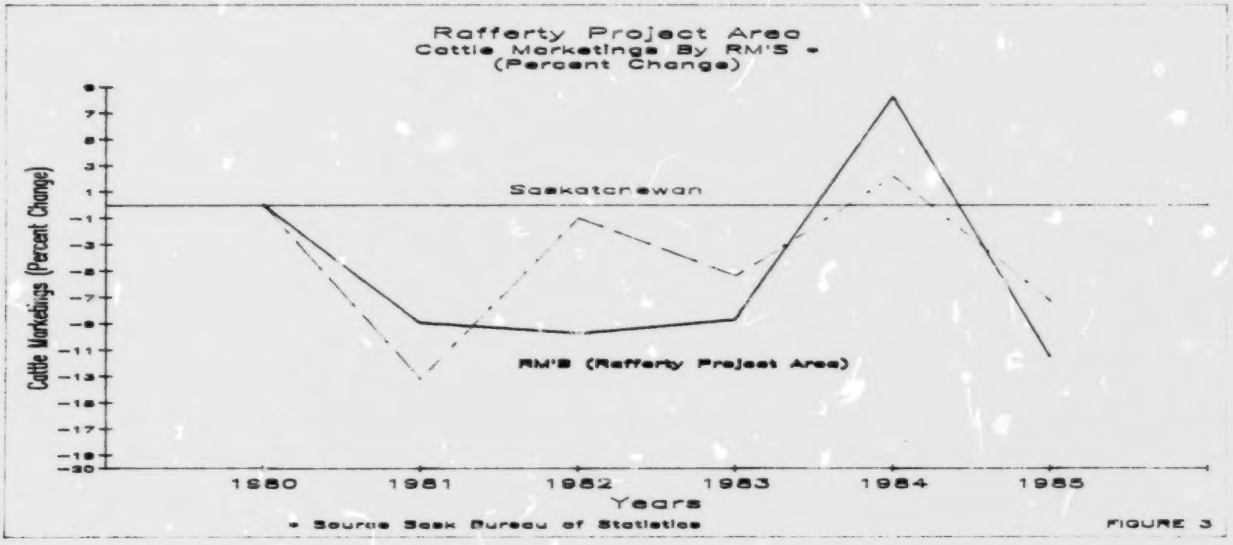


FIGURE 3

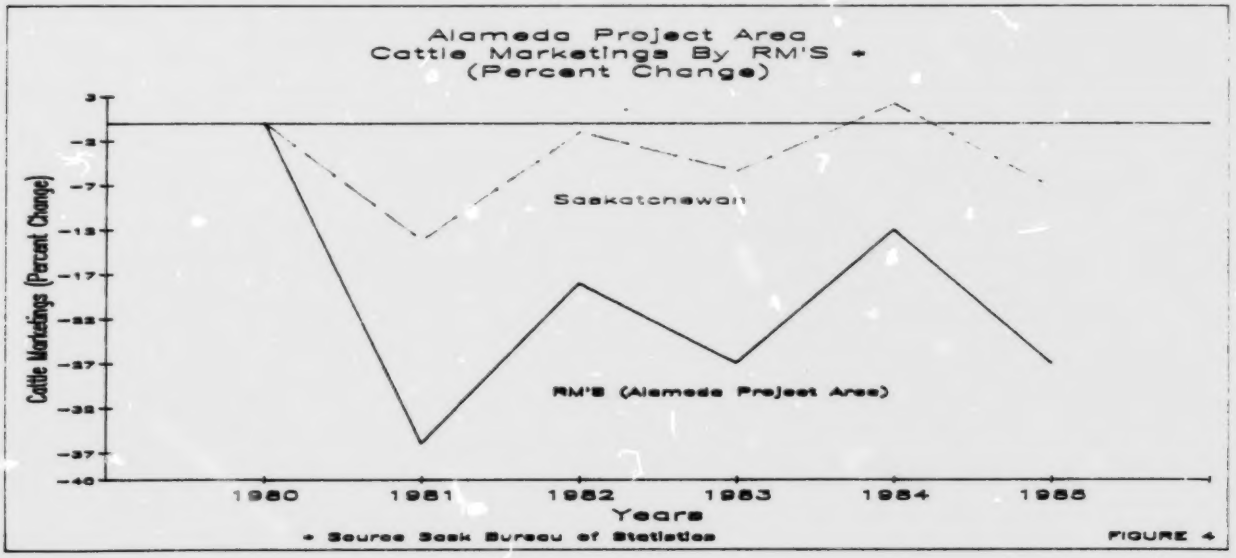


FIGURE 4

TABLE 1

Population Change 1971-1986;
Project Area: Rural Urban Disparity[+*]

RURAL	1971	1986	1971-1986 Change	Percentage Change
Rural Municipalities				
Rafferty R.M.s	4,214	3,522	-692	-16
Alameda R.M.s	1,457	1,231	-226	-16
Villages and Towns				
Rafferty:				
Torquay	358	325	-33	-9.2
Midale	684	566	-118	-17
Halbrite	196	139	-57	-29
Macoun	227	176	-51	-22
Colgate	73	34	-39	-53
Goodwater	72	32	-40	-56
McTaggart	56	124	68	121
Alameda:				
Alameda	346	319	-27	-8
Manor	490	436	-54	-11
Carlyle	1,140	1,212	72	6.3
Cities				
Estevan	9,004	10,768	1,764	20
Weyburn	8,279	10,477	2,198	26

+ Excluding White Bear Reserve
* Saskatchewan Bureau of Statistics

POPULATION

Distribution

SHSP data displayed in Figure 5 show that while population for the province as a whole grew during 1971-1986, population in the Study Area showed marked decline for the same period. Of key interest is the dramatic decline in the rural resident population and the corresponding shift toward communities which is illustrated in Figure 6.

Table One shows that population in the Rural Municipalities of both the Rafferty and Alameda portions of the Project Area experienced decreases of -16% while towns and villages experienced declines ranging from -56% in Goodwater to -8% in Alameda. Only two towns, Carlyle and McTaggart, experienced some growth.

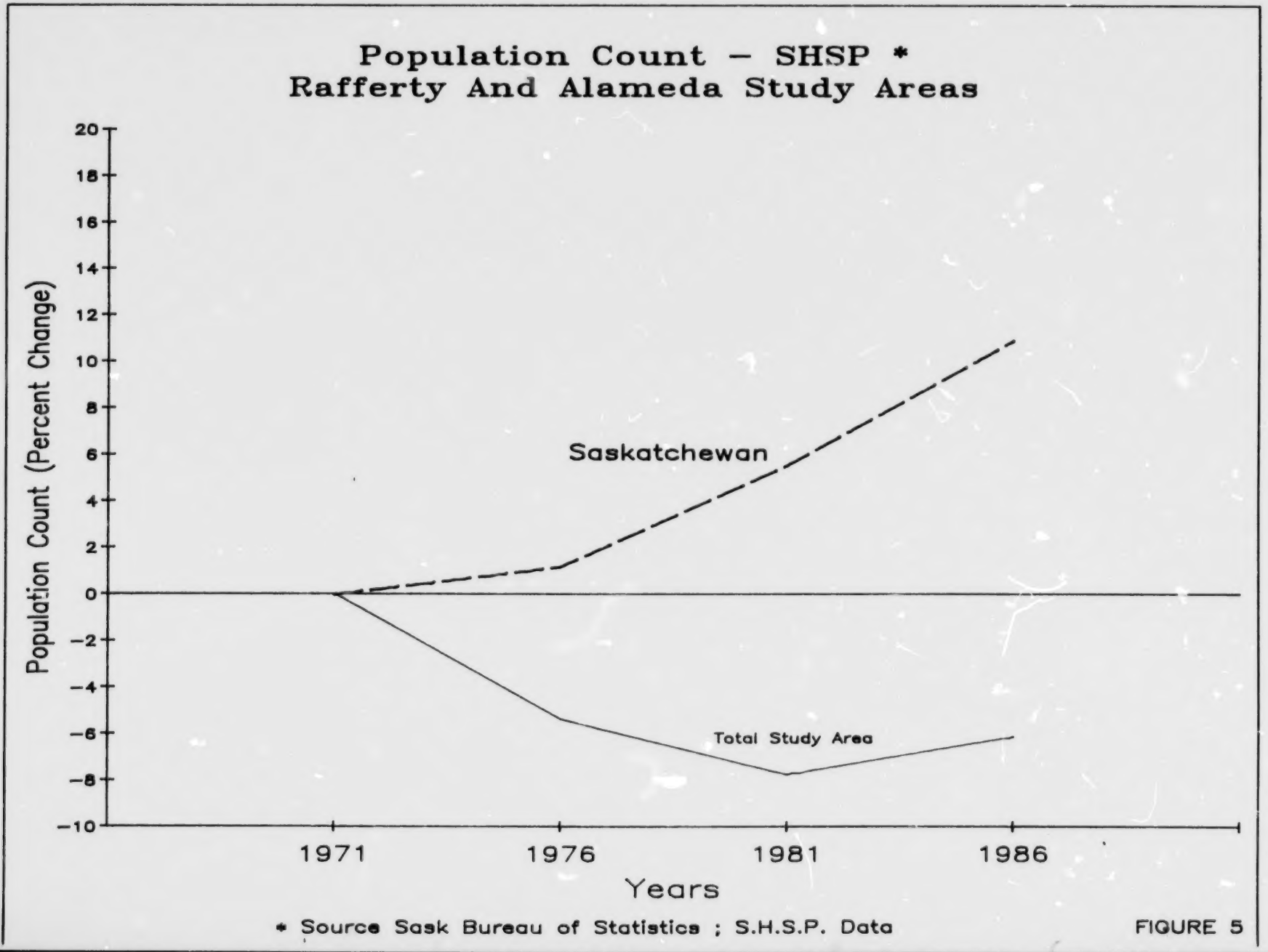
The significance of growth in Estevan and Weyburn relative to the remainder of the Project Area must be stressed. Of the net positive growth in the Project Area, an increase of 4,102, 96.6% of that amount (3,962), can be attributed to those two cities; 43% to Estevan and 53.6% to Weyburn.

Statistics Canada figures confirm this trend and, in addition, suggest that the growth is principally due to births and change of residence from within the area. The 1981 Census of Canada reports that net internal migration in Census Divisions One and Two was -2135 and -1405 respectively (Table 2). In short, there was net loss in population in terms of new residents to the area. Net internal migration for the province was -5825 suggesting that births were the principal factor for the growth shown in Saskatchewan as well.

TABLE 2 - NET INTERNAL MIGRATION, 1981

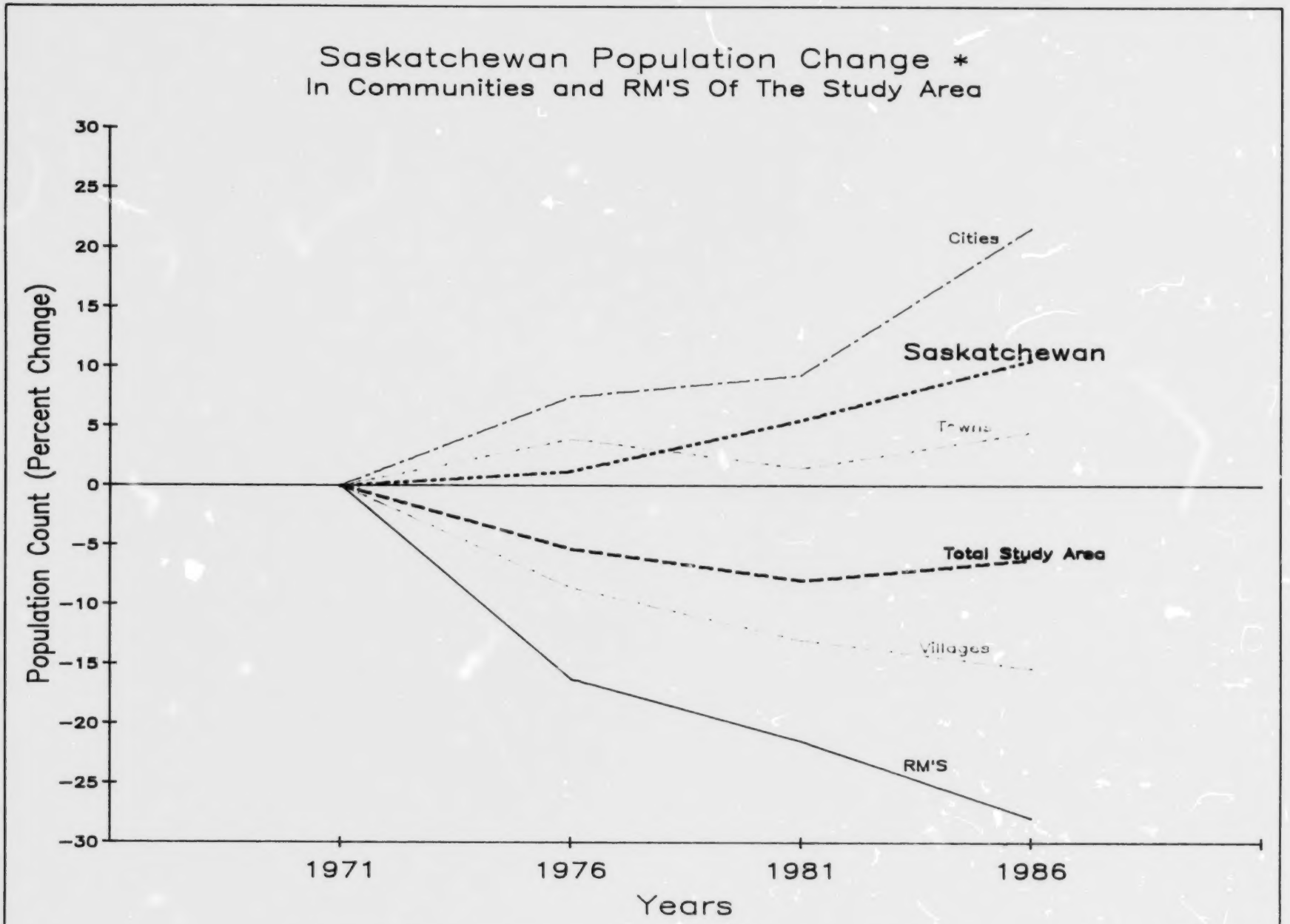
	Saskatchewan -5825		
C.D. 1	-2,135 (highest loss)	C.D. 10	-1,700
C.D. 2	-1,405	C.D. 11	9,045
C.D. 3	-840	C.D. 12	760
C.D. 4	-480	C.D. 13	-2,015
C.D. 5	-1,825	C.D. 14	-1,575
C.D. 6	1,660	C.D. 15	-1,085
C.D. 7	-1,885	C.D. 16	-825
C.D. 8	-1,695	C.D. 17	1,270
C.D. 9	-1,790	C.D. 18	700

Source: Statistics Canada, Selected Social and Economic Characteristics: Saskatchewan 1981, Minister of Supply and Services Canada, July, 1983.



* Source Sask Bureau of Statistics ; S.H.S.P. Data

FIGURE 5



* Source Sask Bureau of Statistics ; S.H.S.P. Data

FIGURE 6

Taken in perspective, one might conclude that Saskatchewan is losing people, that proportionately, a large portion of that loss is coming from the Study Area and that losses in the Project Area are particularly profound. This is presented in summary form in Table 3.

TABLE 3

Population Change, 1971-1986+

	1971	1976	% Change 1971-1976	1981	% Change 1976-1981	1986	% Change 1981-1986	% Change 1971-1986	% Change 1971-1986
SASKATCHEWAN	938,527	949,463	1	990,746	4	1,041,358	5	102,831	11
Study Area									
C.D. One	36,075	33,813	-6	33,144	-2	34,346	3.63	-1729	-5
C.D. Two	29,641	28,349	-5	27,441	-3	27,325	0	-2316	-8
Total	65,716	62,162	-5	60,585	-3	61,671	1.79	-4045	-6
Project Area									
Rafferty:									
RM 05 Estevan	1,167	1,061	-9	1,171	10	1,012	-14	-155	-13
Estevan	9,004	9,102	1	9,376	3	10,768	15	1,764	20
RM 06 Cambria	542	432	-20	424	-2	411	-3	-131	-24
Torquay	358	365	2	315	-14	325	3	-33	-9
RM 36 Cymri	754	719	-5	611	-15	547	-11	-207	-27
Midale	684	593	-13	556	-6	566	2	-118	-17
Halbrite	196	140	-29	134	-4	139	4	-57	-29
Macoun	227	194	-15	190	-2	176	-7	-51	-22
RM 37 Lomond	517	463	-10	482	4	439	-9	-78	-15
Colgate	73	71	-3	53	-25	34	-36	-39	-53
Goodwater	72	63	-13	58	-8	32	-45	-40	-56
RM 67 Weyburn	1,234	858	-31	1,126	31	1,113	-1	-121	-10
Weyburn	8,279	9,477	15	9,540	1	10,477	10	2,198	26
McTaggart	56	96	71	105	9	124	18	68	121
Subtotal	23,163	23,634	2	24,141	2	26,163	8	3,000	13
Alameda:									
RM 33 Moose Creek	626	584	-7	539	-8	532	-1	-94	-15
Alameda	346	340	-2	315	-7	319	1	-27	-8
RM 63 Moose Mountain	831	738	-11	749	1	699	-7	-132	-16
Manor	490	430	-12	405	-6	436	8	-54	-11
Carlyle	1,140	1,200	5	1,165	-3	1,212	4	72	6
Subtotal	3,433	3,292	-4	3,173	-5	3,198	1	-235	-7
TOTAL	26,596	26,926	1	27,314	1	29,361	7	2,765	10

Source: Saskatchewan Bureau of Statistics, SHSP Data
+ Excluding Indian Reserve

Age and Dependency

The total dependency ratio is the number of "youth" aged 15 and under plus the number of "seniors" aged 65 and over per thousand economically active persons in the same area. The higher the dependency ratio, the fewer economically active people there are to look after the dependent group; conversely, the lower the dependency ratio, the more economically active people there are to look after the dependent group.

Appendix Two, Dependency Characteristics contains SHSP assessments of total dependency, youth dependency and aged dependency for the province and for the Study Area.

The total dependency ratio for Saskatchewan has fallen during the period 1971-1986 by 17%. In the Study Area, the trend has generally held however the implications in Estevan and Weyburn differ substantially. Both cities have seen decline in the ratio yet that of Weyburn has been proportionately much smaller; a drop of only -3% versus -18% in Estevan. Estevan is much closer to the provincial norm.

In general, the period 1971-1986 saw age dependency ratios in Saskatchewan increase among seniors while declining among youth. Sections D-2 and D-3 of Appendix Two detail these ratios in the rural municipalities, villages, towns and cities of the Study Area.

Population dependency ratios for age cohorts 65 and over (65+) in most villages, all towns and both cities of the Study Area exceed the 65+ dependency ratio characteristic of the province. The tendency among senior citizens to move toward centralized services is particularly apparent in Estevan and Weyburn. In Estevan, the percentage increase among aged 65+ dependency ratio was more than twice the rate of the province. In Weyburn, the percentage increase was about four times that of the province. The relatively greater concentration of senior citizens in Weyburn is also evident in the ratio itself. Whereas Estevan experienced a higher percentage increase than the province, the 1986 ratio approximates that of Saskatchewan. In Weyburn, the 1986 ratio is 37% higher than that of the Province.

Dependency ratios among youth in Saskatchewan fell by 27% during the period 1971-1986 and the trend was generally downward in the Study Area as well. Of interest again however, is the difference between Estevan and Weyburn; while Estevan approximates the provincial ratio, Weyburn falls about 10% below it.

TABLE 4

	Dependency Ratio Age 65 and over			Dependency Ratio Youth Age 15 and under		
	1971	1986	% Change	1971	1986	% Change
Saskatchewan	170	196	15.3%	523	379	-27.5%
Estevan	145	197	36%	557	378	-32.1%
Weyburn	192	311	62%	484	344	-29%

Within the Project Area, the changes in population by age cohort are particularly striking. There is no doubt that the area is experiencing a major shift in emphasis toward a larger proportionate group of senior citizens and a smaller proportionate group of young people. This is illustrated in Table 5.

People aged 65+ have increased both in numbers and as a proportion of the Project Area population; similarly the age cohort 5-19 has diminished sharply both in numbers and as a proportion of the area population.

In the Rafferty portion of the Project Area, the proportionate percentage of the population aged 0-19 has fallen from 41.5% in 1971 to 30.5% in 1986. In the same period, the proportionate percentage of people aged 65 and over has grown from 9.8% to 14.6%. In the Alameda portion, the proportionate percentage of population aged 0-19 has fallen from 42.7% in 1971 to 34.1% in 1986, and the proportionate percentage of persons aged 65 and over has risen from 10.2% in 1971 to 15.4% in 1986.

The relative change, percentage increase/decline 1971-1986 by age cohort also indicates an aging population. In both the Rafferty and Alameda portions of the Project Area, the highest percentage increase was in the age cohort age 65 and over (68% for Rafferty portion, 40% for Alameda portion) and the greatest percentage decline was in the age cohort 5-19 (-23% and -29% respectively).

TABLE 5

PROJECT AREA: Population Change by Age Cohort 1971-1986

RAFFERTY

Population	1971	1976	1981	1986	Change	% Change 1971-1986
Rafferty:						
0-4	2,048	1,835	1,969	2,128	80	4%
5-19	7,578	6,908	5,992	5,854	-1724	-23%
20-64	11,260	12,065	12,851	14,363	3,103	28%
65+	2,277	2,826	3,329	3,818	1,541	68%
TOTAL	23,163	23,634	24,141	26,163	3,000	13%

ALAMEDA

Population	1971	1976	1981	1986	Change	% Change 1971-1986
Alameda:						
0-4	372	366	354	318	-54	-15%
5-19	1,341	1,125	955	946	-395	-29%
20-64	1,892	1,886	1,821	1,869	-23	-1%
65+	408	470	538	570	162	40%
TOTAL	4,013	3,847	3,668	3,703	-310	-8%

Source: Saskatchewan Bureau of Statistics, SHSP data 1971-1986

Male/Female

Sex ratio refers to the ratio of males to females in a given population, usually expressed in terms of the number of males per 1000 females. In the 1981 Census of Canada[8], the sex ratio for the entire province was 1008 males per 1000 females. The Study Area tends to have relatively more males as evidenced by sex ratios of 1052 and 1048 for Census Divisions 1 and 2 respectively.

This predominance of males is attributable to the concentration in farming in rural areas and to the greater tendency for females to migrate to the cities for education and employment.

Urban centers therefore tend to have lower ratios with both cities and the largest 3 towns in the Study Area being below 1000. Weyburn's sex ratio of 940 is significantly below that of Estevan which is at 992. The smaller towns tend to have ratios exceeding 1000 while villages demonstrate substantial variations, some of which is due to the Statistics Canada rounding process. Generally however, there is a correlation between increasing community size and decreasing sex ratios.

Within the Project Area; SHSP data shows that the number of males in the Rafferty portion increased by 14.3% during the period 1971-1986 but declined by -10% in the Alameda portion. Given the growth in Estevan and Weyburn for the same period, it would seem that this disparity is a function of rural decline and greater opportunity in the two cities. The trend is similar for females although not as dramatic. The female population in the Rafferty portion increased by 11.6% while falling in the Alameda portion by about -5%. Again, it is likely that this can be attributed to greater opportunity in cities in the Rafferty portions of the Project Area.

Section D-4 of Appendix Two provides details of male and female population in the Project Area.

SELECTED CHARACTERISTICS WITHIN THE STUDY AREA[9]

Household Size

Statistics Canada describes a person or group of persons who occupy a private dwelling and do not have a usual place of residence elsewhere in Canada as a private household. According to the 1981 Census, the average number of persons in a private household in Saskatchewan and in the Study Area (Census Divisions One and Two) was 2.8.

In the Study Area, urban centers typically have lower average household sizes and rural areas have higher average sizes. There appears to be a tendency for the smaller towns and larger villages to have the lowest average sizes, in the range of 2.2 - 2.4 persons per household, while R.M.s have averages of 3.3 persons or greater.

Family Households

Statistics Canada describes a census family as a husband and wife (with or without children who have never married, regardless of age), or a lone parent of any marital status, with one or more children who have never married, regardless of age living in the same dwelling. The incidence of census families results from a calculation of the number of census families per 1000 private households. The statistic for Saskatchewan is 738 families per 1000 private households.

The Study Area generally tends to have a slightly higher incidence of families relative to households. Estevan is typical of the province but Weyburn has fewer families. The towns and villages also tend to have fewer families with rates of 650 to 700 being typical. The Rural Municipalities show a significant degree of variation at a higher level with rates in the 850-900 range being dominant.

Family Size

Average family sizes are typically greater than average household sizes by about .5 persons. The Rural Municipalities however with a larger proportion of families, have a difference of only .2 persons.

Family Structure

Census families are classified into husband-wife families (with or without children present) and lone-parent families. The incidence of husband-wife families is 904 per 1000 in Saskatchewan. This rate is generally higher (932 and 929) in the Study Area although both Weyburn and Estevan are at 913 per 1000. The ratio of husband-wife families tends to increase with rurality.

The average number of children per family is 1.1 for the Towns and the Villages. Weyburn is at 1.2, Estevan at 1.3 and the R.M.s are higher at 1.7 children per family.

Marital Status

Of those persons 15 years and older, the incidence of marriage was 644 per 1000 for Saskatchewan. As a rule of thumb, 2 out of 3 adults are married. The Study Area tends to have a somewhat higher rate especially in the Villages and R.M.s. The City of Weyburn displays a below average incidence of marriage in the adult population, probably because of a larger proportionate female population.

The prevalence of widowed persons in the population is more variable within the Study Area where there is a higher incidence than that characteristic of the province (74 and 80 per 1000 for Census Divisions One and Two compared to 69 per 1000 for Saskatchewan). There is a pronounced difference however among the communities in the Study Area. The R.M.s have a low incidence with their combined rate being 30 per 1000. In comparison, the Villages are at 91 and the Towns at 112 per 1000. The City of Weyburn at 99 per 1000 is higher than the City of Estevan at 77 per 1000.

Mother Tongue

The mother tongue of a person refers to the first language learned in childhood and still understood by an individual. The Study Area has a significantly lower incidence of mother tongues other than English than exists for the province as a whole.

Home Ownership

The proportion of households owning their dwelling is generally higher in the Study Area than in the Province. This is primarily due to the higher ratio of home ownership in the towns, villages and Rural Municipalities. The rates for Weyburn (67%) and Estevan (70%) are significantly lower. The mirror image is the pattern of rented dwellings where cities have the largest number of persons renting dwellings; as rurality increases, numbers of persons renting declines.

INCOME AND EMPLOYMENT

Income[10]

In 1981, males in Saskatchewan received an average income of $16,384. In the Study Area, this figure was higher, particularly in Census Division Two where it was $18,036. Average income for females in the province however, tended to be less than half that of males, and was even less in the Study Area; $7,627 average in Saskatchewan, $6,768 average in Census Division One and $7,320 average in Census Division Two.

TABLE 6

	Saskatchewan	Study Area			
		C.D. 1	Estevan	C.D. 2	Weyburn
Average Income Males 15+	16,384	16,921	19,327	18,036	17,457
Med. Income	13,842	13,354		14,821	
Average Income Females 15+	7,627	6,768	7,774	7,320	8,374
Med. Income	5,626	4,981		5,504	

The difference in the employment income opportunity of Weyburn and Estevan is reflected in the average incomes for males and females in the respective cities. Estevan has a higher paying petroleum industry and related services sector which principally employs males, hence the city shows a significantly higher average income for males. Weyburn, offering more opportunity for females, shows a higher average income for that group.

Participation Rates[11]

In the Study Area, the percentage of adult persons who are in the labour force; i.e. the participation rate, approximates that of the province for males. For females, however it generally falls behind with the exception of Weyburn which exceeds the provincial rate. This is likely attributable to the dominance of the Souris Valley Regional Care Centre, the Weyburn Union Hospital and the Weyburn Special Care Homes which employ a relatively large number of female health services staff.

Of labour market interest is an apparent shift in the focus of labour force participation among the 15-24 age cohort which is illustrated below. Among males, this age cohort falls behind the provincial participation rate for all males yet for females, the paticipation rate increases quite dramatically.

TABLE 7

1981 Participation Rates, 1981 Census of Canada[13]

		Study Area			
	Saskatchewan	C.D.1	C.D.2	Estevan	Weyburn
Male (all)	78.2	76.6	79.	79.4	76.2
Male 15-24	73.4	71.8	73.7	76.3	74.6
Female (all)	48.4	40.7	44.6	44.8	52
Female 15-24	56.6	47.0	53.2	57.1	70.3

This trend appears for the province as a whole, holds in aggregate terms for the Study Area, is particularly pronounced in Weyburn and is slightly less so in Estevan. It is probable that while most young men are moving into post secondary education, most young women are entering the labour force at an earlier age and are more willing to pursue entry level employment opportunities. This would seem to be the case in Weyburn, which provides a relatively high level of female employment opportunity and has a correspondingly higher female participation rate of 70% among the 15-24 age cohort compared to 48.4% which is the participation rate for women in Saskatchewan. One concludes that there may be greater employment opportunity readiness among females aged 15-24.

The trend towards greater participation rates among females on the whole is confirmed in 1987 by national figures. Statistics Canada[12] reports that employment among women aged 25-44 jumped 6.9% from 1985-1986, compared to an increase of only 3.1% for men of the same age.

EMPLOYMENT BY INDUSTRY, 1981 Census of Canada[14]

Although 1981 saw the community business and personal service industries become the principal industry employer for Saskatchewan, the Study Area remained weighted in the primary industries. As shown below, this weight tends to drag upon the distribution of employment among other industries such that while the profile approximates that of the province, it falls proportionately somewhat shorter in most industries.

TABLE 8

			Study Area			
	Saskatchewan	% of all industry in Province	C.D. 1	% of all industry in Divisions	C.D. 2	% of all industry in Division
Total Labour Force Both sexes	454,715		14,495		12,435	
Industry n/a (20)	3,580		100		40	
All industries (21)	451,135		14,390		12,400	
Primary (27)	101,820	22	5,365	37	4,595	37
Manufacturing	28,330	6	560	4	510	4
Construction	31,370	7	755	5	630	5
Tr. Com. Ut.	36,480	8	1,230	9	840	7
Trade	76,620	17	2,230	15	1,960	16
Fire	19,535	4	425	3	320	3
Comm. Bus. P.S.	121,345	27	3,205	22	3,010	24
P. Admin Def	35,635	8	610	4	540	4

EMPLOYMENT BY OCCUPATION, 1981 Census of Canada[15]

Occupations in the Study Area are weighted by the predominant industry; primary resources control the economy hence almost half male occupations are in primary resource based activities. While the largest group of occupations for the province as a whole is also primary related, as a proportionate percentage, this figure is just under 27%. In relative terms then, the inability to diversify employment opportunities from primary resources to other sectors for males is nearly twice as severe in the Study Area as for Saskatchewan.

Female occupations by type for the province and for the Study Area appear to be more resistant to Saskatchewan's resource based economy. Clerical and service occupations dominate in both and to a relatively similar degree; 51% for the province and 48% for the Study Area. Given that females earn less than half the income of males however, this diversification among occupations provides little real economic protection. Cast in terms of an increasing female participation rate however, it may indicate an opportune scenaro for more balanced occupation growth among the female labour force than among the male.

TABLE 9

EMPLOYMENT BY OCCUPATION, 1981 CENSUS OF CANADA

	Saskatchewan		C.D. 1		C.D. 2	
Occupation	Male	Female	Male	Female	Male	Female
Occupation n/a	1,265	2,315	40	60	10	30
All occupations	279,440	171,695	9,630	4,760	8,050	4,355
Managerial, Administrative	31,350	8,470	950	250	720	205
Teaching	7,320	11,455	160	345	150	310
Medicine and Health	3,630	17,935	65	450	135	665
Technological, Social, Artistic	15,240	7,555	325	120	185	90
Clerical	11,830	54,865	275	1,335	260	1,190
Sales	21,810	15,950	530	465	600	380
Service	19,750	32,860	315	1,070	360	795
Primary	74,715	14,665	3,925	550	3,670	590
Processing	6,105	1,210	185	15	130	15
Machining, Product Fabricating	24,450	2,515	825	75	480	25
Construction trades	33,995		1,040		735	
Transport, Equipment Operating	14,970		410		315	
Other	14,270	4,210	620	95	325	100

CONCLUSIONS

The Study Area and the Project Area within, are losing people and therefore, vitality fast. Opportunity in recent years has been viewed in a linear dimension, i.e. the road out. It is clear that younger components of the labour force have taken that road for the last 15 years and that more are likely to do so.

The word "depression" is not to be used lightly, yet there is little doubt that without real investment in opportunity development, the southeast portion of the province will move ever closer to the economic margins of well-being. The current economic climate is harsh and there is no optimism in the immediate forecasts for agriculture and oil. The areas under review are heavily dependent on these primary resources and the resident labour force falls far behind that of Saskatchewan in effective distribution among other industries.

With almost half the male labour force of the Study Area concentrated in primary industries, it is timely and perhaps essential that new opportunities be offered. The proposal for water management in the upper Souris represents a major stimulative industrial investment at a critical time in the local economy. It offers substantive leverage for labour force participation and occupation diversification. Further, it serves to reassure ventures into new opportunities in recreation and agricultural diversification and to encourage investment in attendant and ancillary services.

At the heart of project activity, the city of Estevan has a good profile of community vitality and opportunity readiness. The proposed project would reaffirm Estevan as a growth centre. In the short term, it would provide some protection for the local labour force and service sector and in the longer term, it provides an effective stimulus for new economic initatives.

Having not yet selected the project contractor, it is too early to predict with precision the impact upon local services. It is likely that resident manpower would provide the principal manpower requirements as the work is essentially short term and seasonal and contractors will be required to observe a local hire priority. Stress on housing or accommodation will be minimal. At

the Alameda site, the contractor may set up a camp in which accommodation will be provided on site. Stress on goods and services outlets may disrupt local residents patterns however this may be offset by local purchase commitments on the part of the Authority which will result in increased inventories and employment. After some initial disruption, the overall effect is expected to be positive.

In anticipation however of any currently unforeseen disadvantage to the social or economic fabric of the Project Area, the Authority will endeavor to ensure that the Public Involvement component continues to be active and provide a vehicle for resolution of any public/private concerns. The Estevan office of the Authority will remain open and staffed to respond as required to such issues as they arise.

Footnotes:

(1) Signed document, Allen R. Turner, August 11, 1958; Saskatchewan Archives

(2) Printed articles, Patrick Armstrong, Regina Leader Post 10, 12 and 13 September, 1962

(3) Building for Economic Development and Diversification in Saskatchewan; Government of Saskatchewan, July, 1986.

(4) Saskatchewan Economic and Financial Report, 1987 Saskatchewan Finance, Hon. J. Gary Lane, Q.C.

(5) Provincial Outlook Conference Board of Canada; February, 1987.

(6) Perspective 86-Saskatchewan, Government of Canada, Department of Regional Industrial Expansion, March, 1986.

(7) Labour Market Review Canada Employment Centre Estevan, Canada Employment and Immigration Commission, September-November, 1986.

(8) Statistics Canada, 1981 Census of Canada: Selected Social and Economic Characteristics; Minister of Supply and Services Canada, July, 1983

(9) IBID.,

(10) IBID.,

(11) IBID.,

(12) Statistics Canada; The Labour Force: Labour Market Developments in Canada: 1986, January, 1987 Minister of Suply and Services, February, 1987

(13) Statistics Canada, 1981 Census of Canada: Selected Social and Economic Characteristics; Minister of Supply and Services Canada, July 1983

(14) IBID.,

(15) IBID.

AGRICULTURAL PERFORMANCE

Appendix I

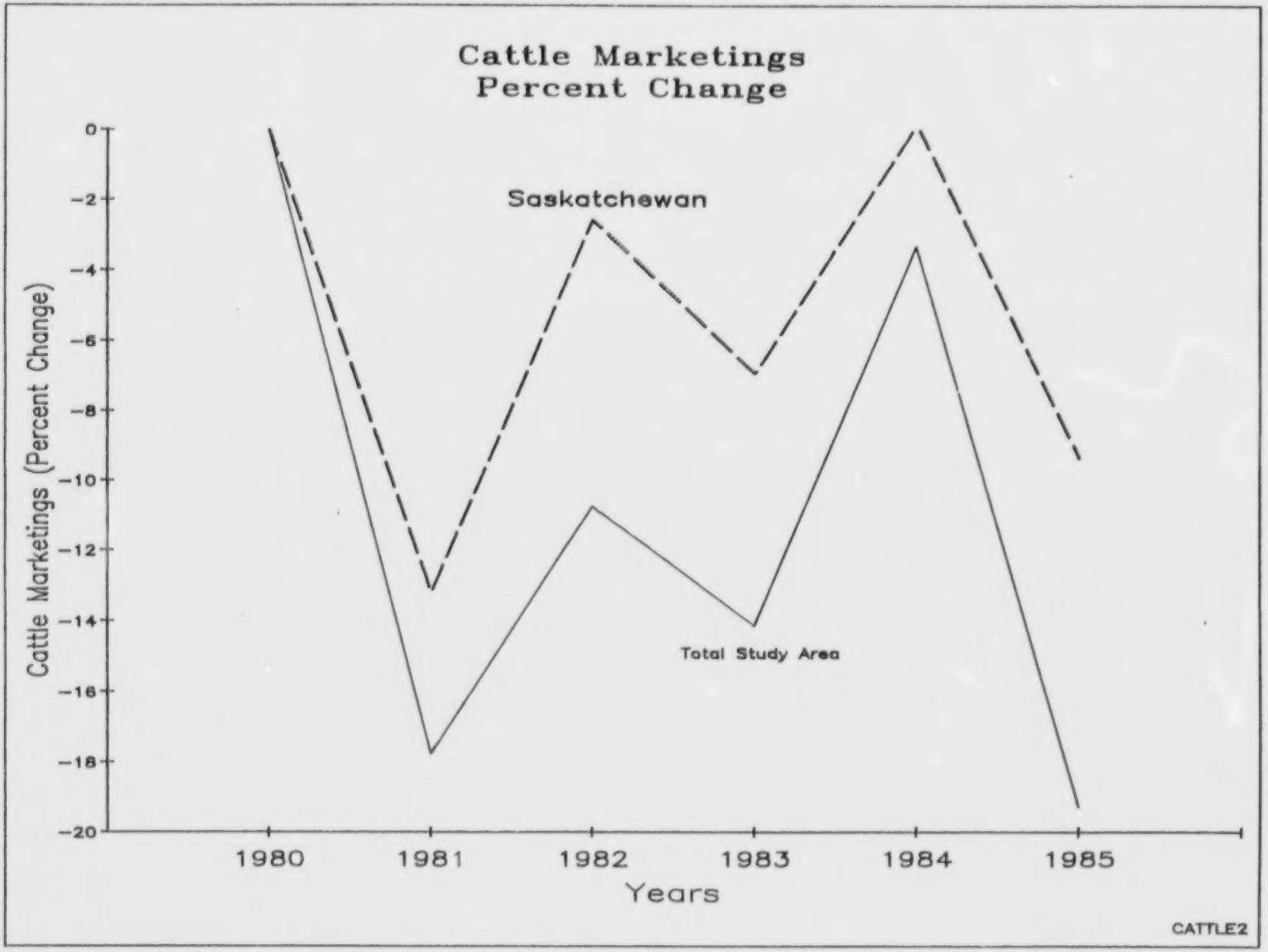
CATTLE MARKETINGS
(number)

	1980	1981	1982	1983	1984	1985
RM 01 Argyle	3,779	3,125	3,460	3,222	3,772	2,628
RM 02 Mount Pleasant	5,107	3,989	4,995	4,535	4,788	3,976
RM 03 Enniskillen	4,510	4,317	5,930	6,349	5,470	6,666
RM 04 Coalfields	3,190	2,169	2,311	2,476	2,508	2,373
RM 05 Estevan	3,940	3,436	3,276	3,200	3,246	2,732
RM 06 Cambria	1,454	1,402	1,257	1,774	2,174	1,725
RM 07 Souris Valley	2,763	2,349	2,649	2,231	2,796	2,243
RM 08 Lake Alma	5,510	4,298	4,432	4,229	5,164	3,118
RM 09 Suprise Valley	5,499	4,152	4,190	4,163	5,003	4,331
RM 10 Happy Valley	4,732	4,461	4,070	4,345	4,608	3,725
RM 31 Storthoaks	1,958	1,673	2,714	3,034	2,684	2,772
RM 32 Reciprocity	3,051	2,410	2,914	2,467	2,715	2,493
RM 33 Moose Creek	3,912	2,451	2,992	2,868	3,836	2,928
RM 34 Browning	4,184	3,135	3,721	4,379	4,311	3,895
RM 35 Benson	2,007	1,506	1,167	987	1,376	1,250
RM 36 Cymri	3,818	2,746	3,148	2,749	3,848	2,864
RM 37 Lomond	4,112	4,037	3,967	3,457	4,022	3,522
RM 38 Laurier	3,350	2,813	2,722	2,823	3,436	2,187
RM 39 The Gap	3,684	3,492	3,282	2,889	3,889	2,665
RM 40 Bengough	6,645	6,996	5,813	5,486	6,503	5,791
RM 61 Antler	4,243	3,345	3,714	3,174	3,372	3,134
RM 63 Moose Mt	7,971	5,200	6,735	5,693	6,493	5,697
RM 64 Brock	6,633	5,357	6,725	6,294	6,392	5,246
RM 65 Tecumseh	5,638	3,213	3,773	3,863	4,121	3,237
RM 66 Griffin	1,477	1,757	1,814	1,622	1,991	1,697
RM 67 Wevburn	3,783	3,937	3,757	4,403	5,166	4,286
RM 68 Brokenshell	2,725	2,252	2,675	1,999	2,669	2,073
RM 69 Norton	2,861	2,493	2,188	2,470	2,643	1,998
RM 70 Keywest	3,324	2,763	3,037	2,295	2,998	2,261
RM 91 Maryfield	5,383	4,017	4,920	4,582	3,979	4,866
RM 92 Walpole	5,239	5,181	6,031	5,704	6,050	5,109
RM 93 Wawken	5,783	5,550	6,538	5,332	5,735	5,187
RM 94 Hazelwood	3,620	3,393	3,696	3,933	4,842	3,976
Rm 95 Golden West	3,464	3,235	2,847	2,699	2,999	2,762
RM 96 Fillmore	2,294	1,878	2,518	2,059	2,312	1,813
RM 97 Wellington	1,512	1,343	1,520	1,030	1,255	1,175
RM 98 Scott	1,550	975	1,170	1,065	1,354	1,053
RM 99 Caledonia	2,359	1,749	2,647	1,780	2,796	1,695
RM 100 Elmsthorpe	3,665	2,483	2,909	2,359	2,642	2,584
Total RM	115,860	95,274	103,428	99,476	111,994	93,513
Saskatchewan	1,034,662	898,141	1,008,078	963,018	1,036,193	938,382

02/06/87

CATTLE MARKETINGS
(Percent Change)

	1980	1981	1982	1983	1984	1985
RM 01 Argyle		-17.31	10.72	-6.88	17.07	-30.33
RM 02 Mount Pleasant		-21.89	25.22	-9.21	5.58	-16.96
RM 03 Enniskillen		-4.28	37.36	7.07	-13.84	21.86
RM 04 Coalfields		-32.01	6.55	7.14	1.29	-5.38
RM 05 Estevan		-12.79	-4.66	-2.32	1.44	-15.83
RM 06 Cambria		-3.58	-10.34	41.13	22.55	-20.65
RM 07 Souris Valley		-14.98	12.77	-15.78	25.32	-19.78
RM 08 Lake Alma		-22.00	3.12	-4.58	22.11	-39.62
RM 09 Suprise Valley		-24.50	0.92	-0.64	20.18	-13.43
RM 10 Happy Valley		-5.73	-8.76	6.76	6.05	-19.16
RM 31 Storthoaks		-14.56	62.22	11.79	-11.54	3.28
RM 32 Reciprocity		-21.01	20.91	-15.34	10.05	-8.10
RM 33 Moose Creek		-37.35	22.07	-4.14	33.75	-23.67
RM 34 Browning		-25.07	18.69	17.68	-1.55	-9.65
RM 35 Benson		-24.96	-22.51	-15.42	39.41	-9.16
RM 36 Cymri		-28.08	14.64	-12.67	39.98	-25.57
RM 37 Lomond		-1.82	-1.73	-12.86	16.34	-12.43
RM 38 Laurier		-16.03	-3.23	3.71	21.71	-36.35
RM 39 The Gap		-5.21	-6.01	-11.97	34.61	-31.47
RM 40 Bengough		5.28	-16.91	-5.63	18.54	-10.95
RM 61 Antler		-21.16	11.03	-14.54	6.24	-7.06
RM 63 Moose Mt		-34.76	29.52	-15.47	14.05	-12.26
RM 64 Brock		-19.24	25.54	-6.41	1.56	-17.93
RM 65 Tecumseh		-43.01	17.43	2.39	6.68	-21.45
RM 66 Griffin		18.96	3.24	-10.58	22.75	-14.77
RM 67 Weyburn		4.07	-4.57	17.19	17.33	-17.03
RM 68 Brokenshell		-17.36	18.78	-25.27	33.52	-22.33
RM 69 Norton		-12.86	-12.23	12.89	7.00	-24.40
RM 70 Keywest		-16.88	9.92	-24.43	30.63	-24.58
RM 91 Maryfield		-25.38	22.48	-6.87	-13.16	22.29
RM 92 Walpole		-1.11	16.41	-5.42	6.07	-15.55
RM 93 Wawken		-4.03	17.80	-18.45	7.56	-9.56
RM 94 Hazelwood		-6.27	8.93	6.41	23.11	-17.89
Rm 95 Golden West		-6.61	-11.99	-5.20	11.12	-7.90
RM 96 Fillmore		-18.13	34.08	-18.23	12.29	-21.58
RM 97 Wellington		-11.18	13.18	-32.24	21.84	-6.37
RM 98 Scott		-37.10	20.00	-8.97	27.14	-22.23
RM 99 Caledonia		-25.86	51.34	-32.75	57.08	-39.38
RM 100 Elmsthorpe		-32.25	17.16	-18.91	12.00	-2.20
Total RM		-17.77	8.56	-3.82	12.58	-16.50
Saskatchewan		-13.19	12.24	-4.47	7.60	-9.44


Cattle Marketings
Percent Change
Saskatchewan
Total Study Area
Cattle Marketings (Percent Change)
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
1980
1981
1982
1983
1984
1985
Years
CATTLE2

02/05/87

CATTLE MARKETINGS BY RM
(number)

AREA 5	1980	1981	1982	1983	1984	1985
RM 05 Estevan	3,940	3,436	3,276	3,200	3,246	2,732
RM 06 Cambria	1,479	1,431	1,297	1,828	2,251	1,756
RM 36 Cvori	3,818	2,746	3,148	2,749	3,848	2,864
RM 37 Lomond	4,112	4,037	3,967	3,457	4,022	3,522
RM 67 Wevburn	3,783	3,937	3,757	4,403	5,166	4,286
Total	17,132	15,587	15,445	15,637	18,533	15,160

CATTLE MARKETINGS BY RM
(Percent Change)

AREA 5	1980	1981	1982	1983	1984	1985
RM 05 Estevan		-12.8	-4.7	-2.3	1.4	-15.8
RM 06 Cambria		-3.2	-9.4	40.9	23.1	-22.0
RM 36 Cvori		-28.1	14.6	-12.7	40.0	-25.6
RM 37 Lomond		-1.8	-1.7	-12.9	16.3	-12.4
RM 67 Wevburn		4.1	-4.6	17.2	17.3	-17.0
Total		-9.0	-0.9	1.2	18.5	-18.2

AREA 5

Population	1980	1981	1982	1983	1984	1985
Steers	7,115	6,757	6,895	6,773	7,350	6,199
Heifers	5,608	4,890	5,103	4,844	6,261	4,835
Cows	3,045	2,870	2,601	2,961	3,644	3,136
Bulls	700	796	620	607	850	652
Calves	189	165	120	244	285	257
Cattle NES	450	80	66	154	66	50
Total	17,107	15,558	15,405	15,583	18,456	15,129
% Change						
Steers		-5.0	2.0	-1.8	8.5	-15.66
Heifers		-12.8	4.4	-5.1	29.3	-22.78
Cows		-5.7	-9.4	13.8	23.1	-13.94
Bulls		13.7	-22.1	-2.1	40.0	-23.29
Calves		-12.7	-27.3	103.3	16.8	-9.82
Cattle NES		-82.2	-17.5	133.3	-57.1	-24.24
Total		-9.1	-1.0	1.2	18.4	-18.03

% of Population

Steers	41.6	43.4	44.8	43.5	39.8
Heifers	32.8	31.4	33.1	31.1	33.9
Cows	17.8	18.4	16.9	19.0	19.7
Bulls	4.1	5.1	4.0	3.9	4.6
Calves	1.1	1.1	0.8	1.6	1.5
Cattle NES	2.6	0.5	0.4	1.0	0.4
Total	100.0	100.0	100.0	100.0	100.0

CATTLE MARKETINGS BY RM
(number)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek	3,710	2,329	2,874	2,807	3,758	2,812
RM 63 Moose Mt	7,692	4,981	6,476	5,490	6,260	5,501
Total	11,402	7,310	9,350	8,297	10,018	8,313

CATTLE MARKETINGS BY RM
(Percent Change)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek		-37.22	23.40	-2.33	33.88	-25.17
RM 63 Moose Mt		-35.24	30.01	-15.23	14.03	-12.12
Total		-35.89	27.91	-11.26	20.74	-17.02

AREA A

Population	1980	1981	1982	1983	1984	1985
Steers	5,325	3,700	4,640	3,818	4,865	4,429
Heifers	3,940	2,241	2,836	2,535	3,194	2,247
Cows	1,831	1,207	1,565	1,603	1,738	1,496
Bulls	481	341	377	264	311	312
Calves	189	79	161	168	40	113
Cattle NES	117	83	148	173	181	28
Total	11,883	7,651	9,727	8,561	10,329	8,625
% Change						
Steers		-30.5	25.4	-17.7	27.4	-8.96
Heifers		-43.1	26.6	-10.6	26.0	-29.65
Cows		-34.1	29.7	2.4	8.4	-13.92
Bulls		-29.1	10.6	-30.0	17.8	0.32
Calves		-58.2	103.8	4.3	-76.2	182.50
Cattle NES		-29.1	78.3	16.9	4.6	-84.53
Total		-35.6	27.1	-12.0	20.7	-16.50
% of Population						
Steers	44.8	48.4	47.7	44.6	47.1	51.4
Heifers	33.2	29.3	29.2	29.6	30.9	26.1
Cows	15.4	15.8	16.1	18.7	16.8	17.3
Bulls	4.0	4.5	3.9	3.1	3.0	3.6
Calves	1.6	1.0	1.7	2.0	0.4	1.3
Cattle NES	1.0	1.1	1.5	2.0	1.8	0.3
Total	100.0	100.0	100.0	100.0	100.0	100.0

Ten Year Average Wheat Yields (Kg/Acre)

AREA S	1980	1981	1982	1983	1984	1985
RM 05 Estevan	653	645	640	624	607	582
RM 06 Cambria	686	678	678	665	650	623
RM 36 Cymri	650	645	637	626	615	578
RM 37 Lomond	648	640	634	627	601	561
RM 67 Weyburn	640	626	631	624	604	594
Saskatchewan	701	704	728	731	728	723

Ten Year Average Wheat Yields (Percent Change)

AREA S	1980	1981	1982	1983	1984	1985
RM 05 Estevan		-1.2	-0.8	-2.5	-2.7	-4.1
RM 06 Cambria		-1.2	0.0	-1.9	-2.3	-4.2
RM 36 Cymri		-0.8	-1.2	-1.7	-1.8	-6.0
RM 37 Lomond		-1.2	-0.9	-1.1	-4.1	-6.7
RM 67 Weyburn		-2.2	0.8	-1.1	-3.2	-1.7
Saskatchewan		0.4	3.4	0.4	-0.4	-0.7

Ten Year Average Durum Yields (Kg/Acre)

AREA S	1980	1981	1982	1983	1984	1985
RM 05 Estevan	637	626	615	599	578	549
RM 06 Cambria	728	728	711	691	676	632
RM 36 Cymri	632	618	599	586	559	520
RM 37 Lomond	645	634	629	617	595	555
RM 67 Weyburn	656	634	631	618	592	576
Saskatchewan	672	675	699	707	696	662

Ten Year Average Durum Yields (Percent Change)

AREA S	1980	1981	1982	1983	1984	1985
RM 05 Estevan		-1.7	-1.8	-2.6	-3.5	-5.0
RM 06 Cambria		0.0	-2.3	-2.8	-2.2	-6.5
RM 36 Cymri		-2.2	-3.1	-2.2	-4.6	-7.0
RM 37 Lomond		-1.7	-0.8	-1.9	-3.6	-6.7
RM 67 Weyburn		-3.4	-0.5	-2.1	-4.2	-2.7
Saskatchewan		0.4	3.6	1.1	-1.6	-4.9

Ten Year Average Oats Yields
(Kg/Acre)

AREA S	1980	1981	1982	1983	1984	1985
RM 05 Estevan	706	697	677	657	626	607
RM 06 Cambria	823	797	795	778	749	698
RM 36 Cymri	668	654	635	616	589	564
RM 37 Lomond	672	645	636	618	578	594
RM 67 Weyburn	676	662	654	622	598	592
Saskatchewan	751	734	747	720	753	758

Ten Year Average Oat Yields
(Percent Change)

AREA S	1980	1981	1982	1983	1984	1985
RM 05 Estevan		-1.3	-2.9	-3.0	-4.7	-3.0
RM 06 Cambria		-3.2	-0.3	-2.1	-3.7	-6.8
RM 36 Cymri		-2.1	-2.9	-3.0	-4.4	-4.2
RM 37 Lomond		-4.0	-1.4	-2.8	-6.5	2.8
RM 67 Weyburn		-2.1	-1.2	-4.9	-3.9	-1.0
Saskatchewan		-2.3	1.8	-3.6	4.6	0.7

Ten Year Average Barley Yields
(kg/Acre)

AREA S	1980	1981	1982	1983	1984	1985
RM 05 Estevan	773	749	732	706	681	653
RM 06 Cambria	620	625	640	613	587	542
RM 36 Cymri	771	749	740	724	694	661
RM 37 Lomond	751	705	699	680	642	651
RM 67 Weyburn	790	775	764	739	706	689
Saskatchewan	874	859	882	885	900	923

Ten Year Average Barley Yields
(Percent Change)

AREA S	1980	1981	1982	1983	1984	1985
RM 05 Estevan		-3.1	-2.3	-3.6	-3.5	-4.1
RM 06 Cambria		0.8	2.4	-4.2	-4.2	-7.7
RM 36 Cymri		-2.9	-1.2	-2.2	-4.1	-4.8
RM 37 Lomond		-6.1	-0.9	-2.7	-5.6	1.4
RM 67 Weyburn		-1.9	-1.4	-3.3	-4.5	-2.4
Saskatchewan		-1.7	2.7	0.3	1.7	2.6

Ten Year Average Fall Rye Yields
(Kg/Acre)

AREA 6	1980	1981	1982	1983	1984	1985
RM 05 Estevan	533	536	544	544	526	501
RM 06 Cambria	333	340	335	331	323	301
RM 36 Cymri	503	511	526	542	542	510
RM 37 Lomond	511	502	511	454	434	406
RM 67 Weyburn	528	577	565	565	552	504
Saskatchewan	550	573	607	636	644	635

Ten Year Average Fall Rye Yields
(Percent Change)

AREA 6	1980	1981	1982	1983	1984	1985
RM 05 Estevan		0.6	1.5	0.0	-3.3	-4.8
RM 06 Cambria		2.1	-1.5	-1.2	-2.4	-6.8
RM 36 Cymri		1.6	2.9	3.0	0.0	-5.9
RM 37 Lomond		-1.8	1.8	-11.2	-4.4	-6.5
RM 67 Weyburn		-0.2	7.2	0.0	-2.3	-8.7
Saskatchewan		4.2	5.9	4.8	1.3	-1.4

Ten Year Average Flax Yields
(Kg/Acre)

AREA 6	1980	1981	1982	1983	1984	1985
RM 05 Estevan	302	305	312	316	307	305
RM 06 Cambria	391	386	370	360	332	316
RM 36 Cymri	282	290	290	292	293	278
RM 37 Lomond	296	288	268	273	259	250
RM 67 Weyburn	366	378	386	383	379	384
Saskatchewan	356	361	373	382	397	410

Ten Year Average Flax Yields
(Percent Change)

AREA 6	1980	1981	1982	1983	1984	1985
RM 05 Estevan		1.0	2.3	1.3	-2.8	-0.7
RM 06 Cambria		-1.3	-4.1	-2.7	-7.8	-4.8
RM 36 Cymri		2.8	0.0	0.7	0.3	-5.1
RM 37 Lomond		-2.7	-6.9	1.9	-5.1	-3.5
RM 67 Weyburn		3.3	2.1	-0.8	-1.0	1.3
Saskatchewan		1.4	3.3	2.4	3.9	3.3

Ten Year Average Rape Yields
(Kg/Acre)

AREA S	1980	1981	1982	1983	1984	1985
RM 05 Estevan	318	318	329	366	346	321
RM 06 Cambria	664	656	659	656	639	607
RM 36 Cymri	421	421	420	434	395	354
RM 37 Lomond	329	304	304	294	283	283
RM 67 Weyburn	363	358	360	369	336	329
Saskatchewan	442	451	465	478	481	493

Ten Year Average Rape Yields
(Percent Change)

AREA S	1980	1981	1982	1983	1984	1985
RM 05 Estevan		0.0	3.5	11.2	-5.5	-7.2
RM 06 Cambria		-1.2	0.5	-0.5	-2.6	-5.0
RM 36 Cymri		0.0	-0.2	3.3	-9.0	-10.4
RM 37 Lomond		-7.6	0.0	-3.3	-3.7	0.0
RM 67 Weyburn		-1.4	0.6	2.5	-8.9	-2.1
Saskatchewan		2.0	3.1	2.8	0.6	2.5

Ten Year Average Wheat Yields
(kg/Acre)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek	708	705	718	700	689	686
RM 63 Moose Mt	650	637	659	660	669	682
Saskatchewan	701	704	728	731	728	723

Ten Year Average Yields
(Percent Change)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek		-0.4	1.8	-2.5	-1.6	-0.4
RM 63 Moose Mt		-2.0	3.5	0.2	1.4	1.9
Saskatchewan		0.4	3.4	0.4	-0.4	-0.7

Ten Year Average Durum Yields
(kg/Acre)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek	713	697	691	674	655	644
RM 63 Moose Mt	651	629	637	647	651	656
Saskatchewan	672	675	699	707	696	662

Ten Year Average Durum Yields
(Percent Change)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek		-2.2	-0.9	-2.5	-2.8	-1.7
RM 63 Moose Mt		-3.4	1.3	1.6	0.6	0.8
Saskatchewan		0.4	3.6	1.1	-1.6	-4.9

Ten Year Average Oats Yields
(kg/Acre)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek	731	702	709	692	643	621
RM 63 Moose Mt	683	656	660	658	660	673
Saskatchewan	751	734	747	720	753	758

Ten Year Average Oat Yields
(Percent Change)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek		-4.0	1.0	-2.4	-7.1	-3.4
RM 63 Moose Mt		-4.0	0.6	-0.3	0.3	2.0
Saskatchewan		-2.3	1.8	-3.6	4.6	0.7

Ten Year Average Barley Yields
(kg/Acre)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek	897	871	895	889	858	857
RM 63 Moose Mt	819	784	788	782	782	811
Saskatchewan	874	859	882	885	900	923

Ten Year Average Barley Yields
(Percent Change)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek		-2.9	2.8	-0.7	-3.5	-0.1
RM 63 Moose Mt		-4.3	0.5	-0.8	0.0	3.7
Saskatchewan		-1.7	2.7	0.3	1.7	2.6

Ten Year Average Fall Rye Yields
(kg/Acre)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek	737	742	765	775	783	776
RM 63 Moose Mt	676	688	724	738	748	748
Saskatchewan	550	573	607	636	644	635

Ten Year Average Fall Rye Yields
(Percent Change)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek		0.7	3.1	1.3	1.0	-0.9
RM 63 Moose Mt		1.8	5.2	1.9	1.4	0.0
Saskatchewan		4.2	5.9	4.8	1.3	-1.4

Ten Year Average Flax Yields
(Kg/Acre)

AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek	302	295	297	289	284	286
RM 63 Moose Mt	351	361	373	382	394	387
Saskatchewan	356	361	373	382	397	410

Ten Year Average Flax Yields
(Percent Change)

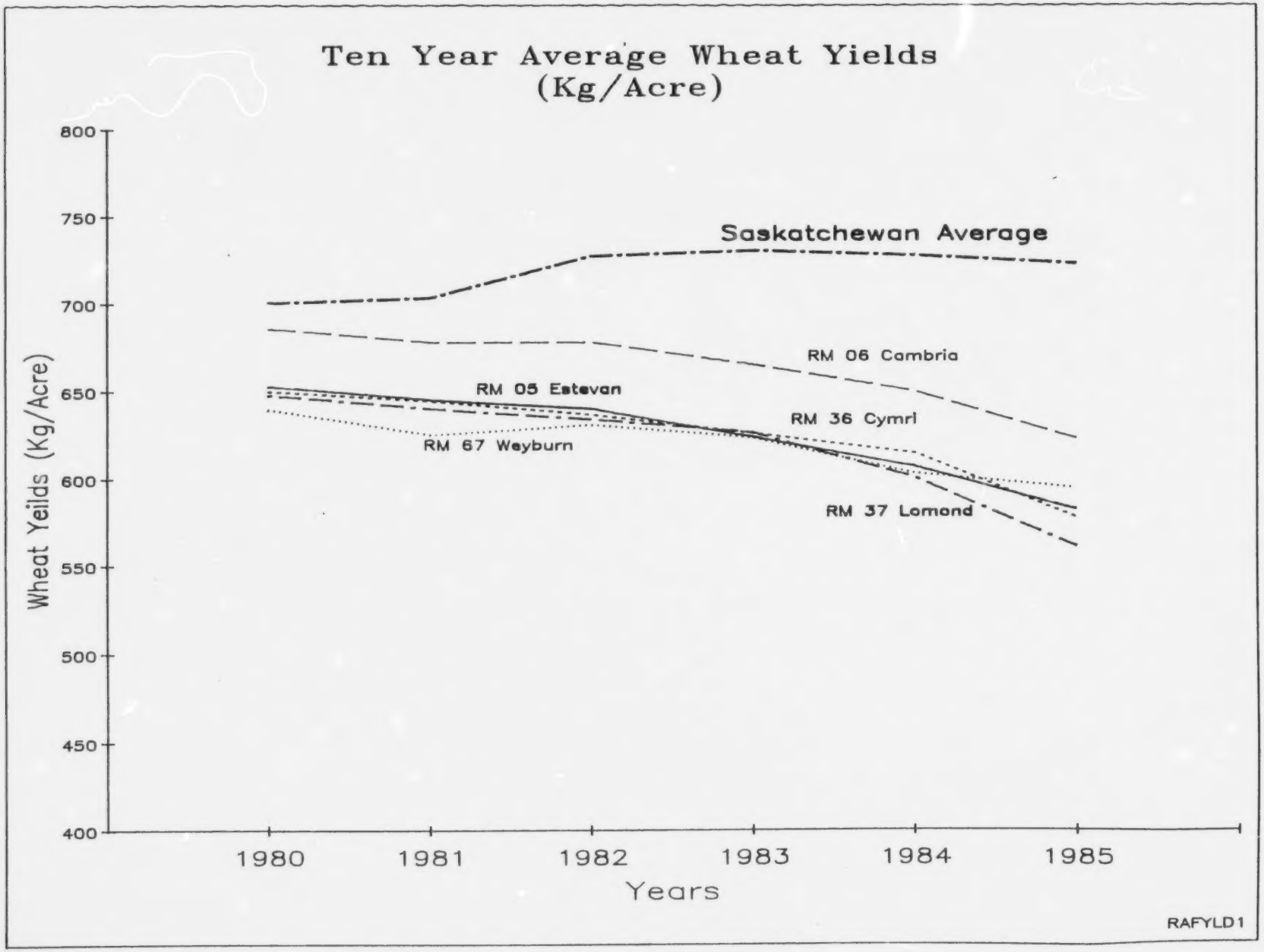
AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek		-2.3	0.7	-2.7	-1.7	0.7
RM 63 Moose Mt		2.8	3.3	2.4	3.1	-1.8
Saskatchewan		1.4	3.3	2.4	3.9	3.3

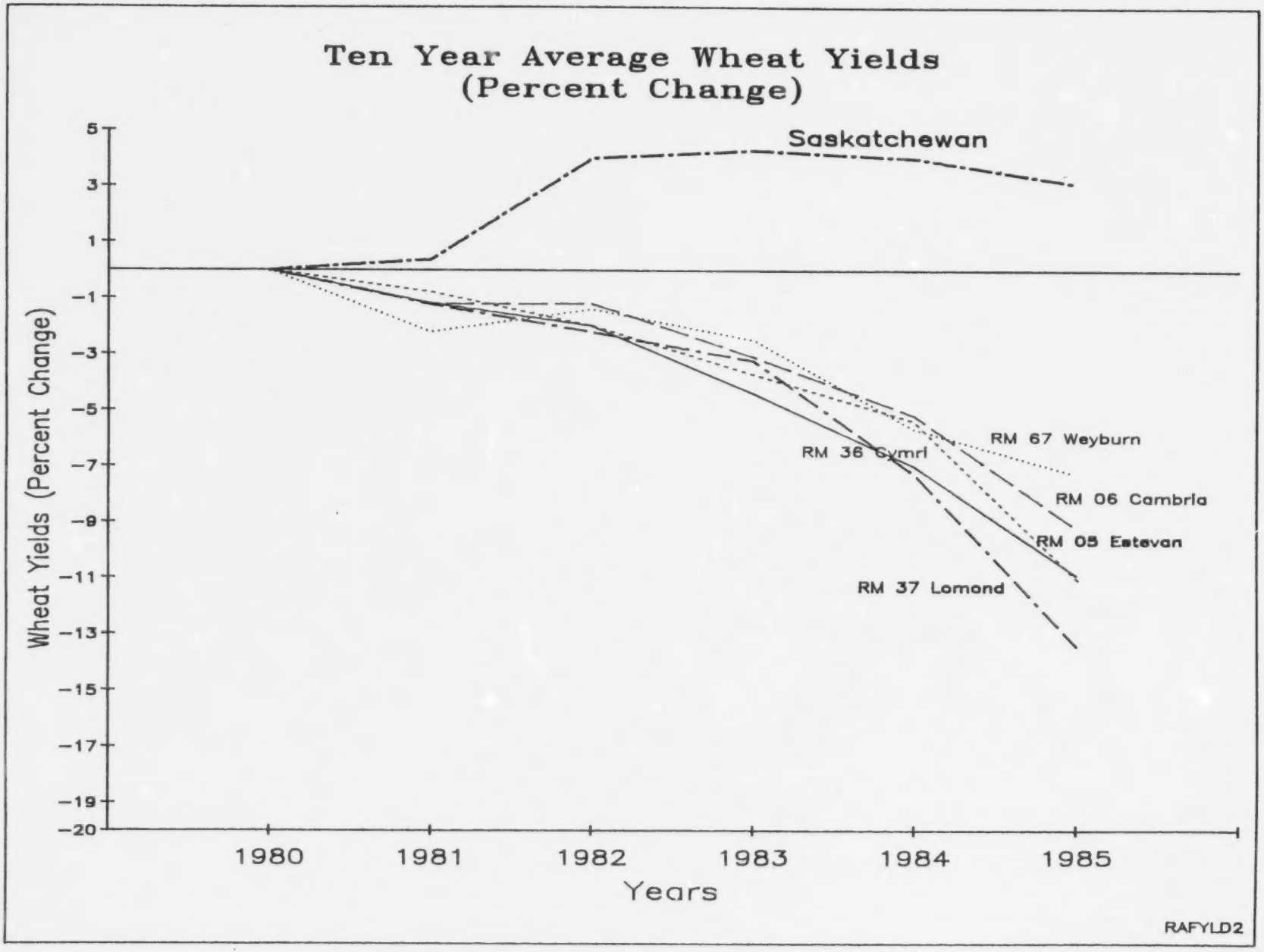
Ten Year Average Rape Yields
(Kg/Acre)

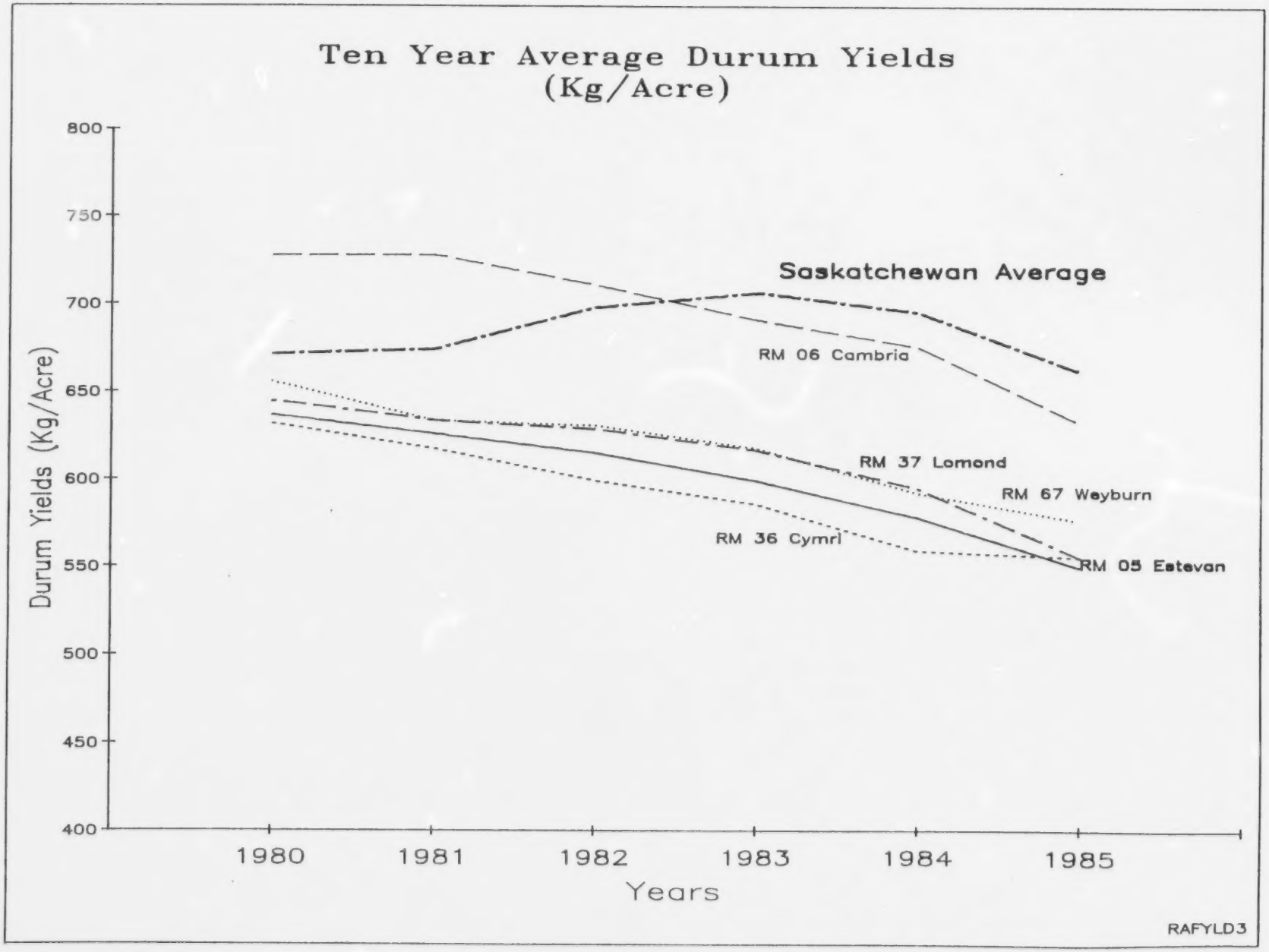
AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek	403	408	413	408	400	425
RM 63 Moose Mt	402	402	408	405	401	405
Saskatchewan	442	451	465	478	481	493

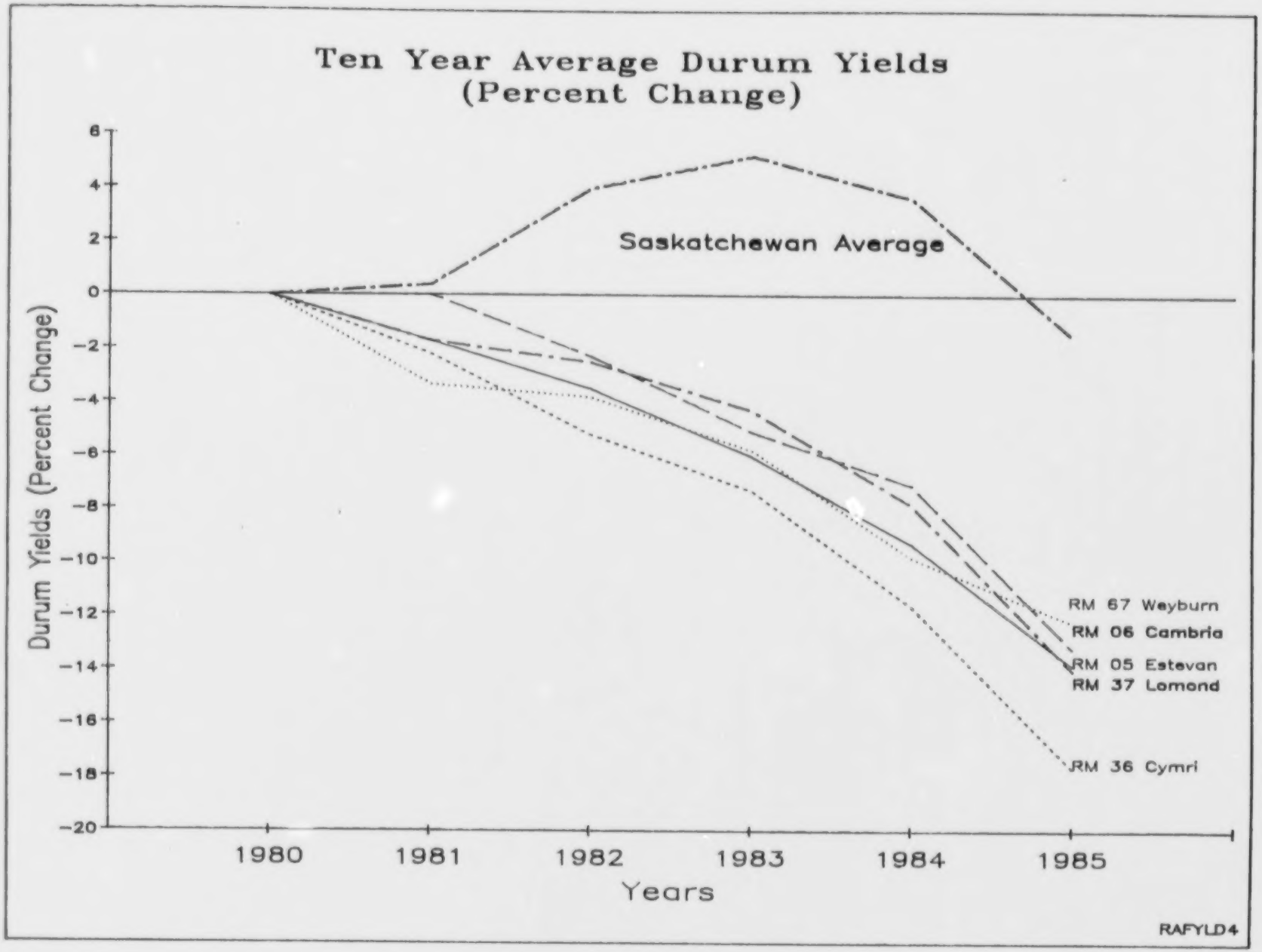
Ten Year Average Rape Yields
(Percent Change)

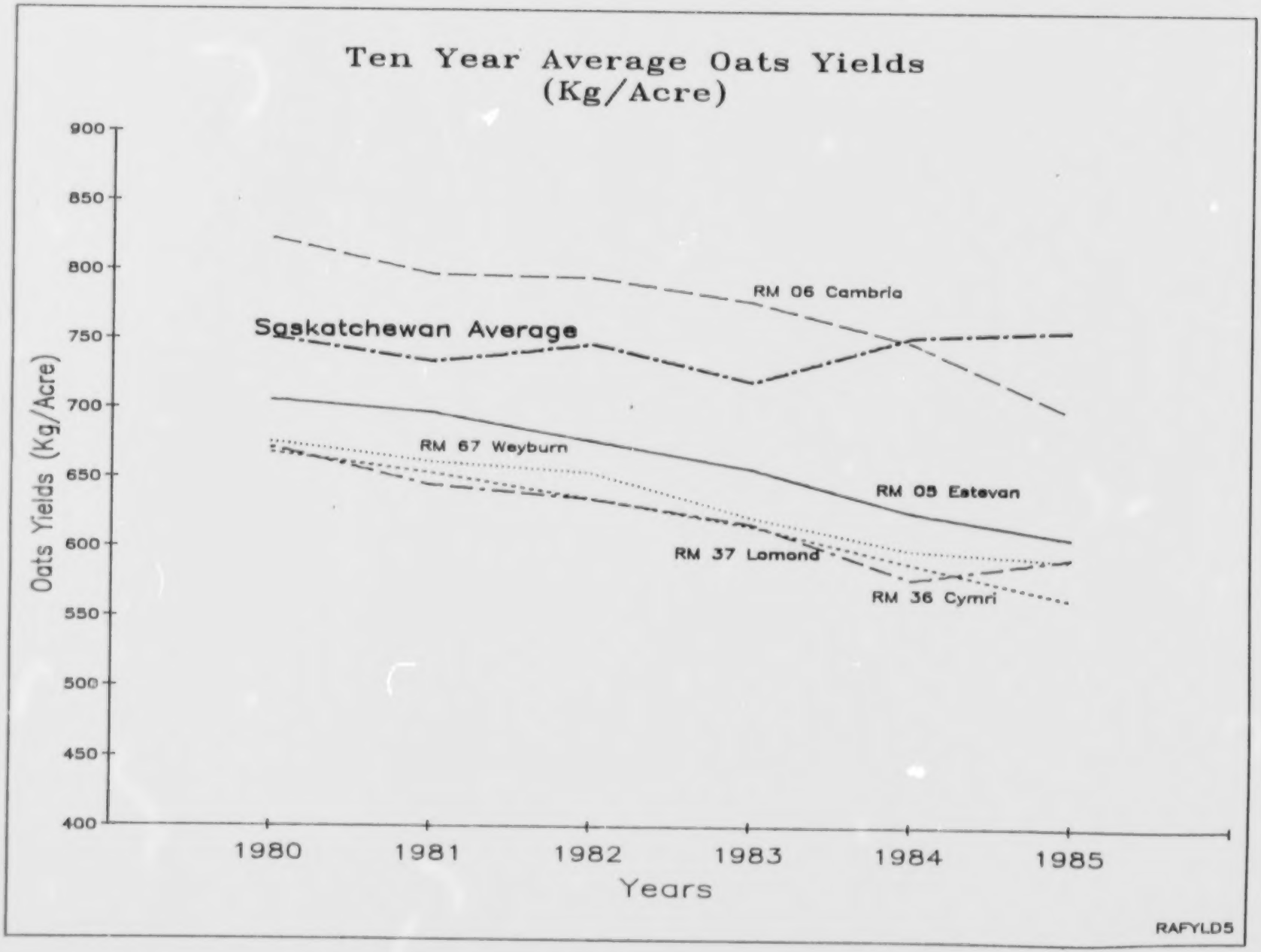
AREA A	1980	1981	1982	1983	1984	1985
RM 33 Moose Creek		1.2	1.2	-1.2	-2.0	6.3
RM 63 Moose Mt		0.0	1.5	-0.7	-1.0	1.0
Saskatchewan		2.0	3.1	2.8	0.6	2.5

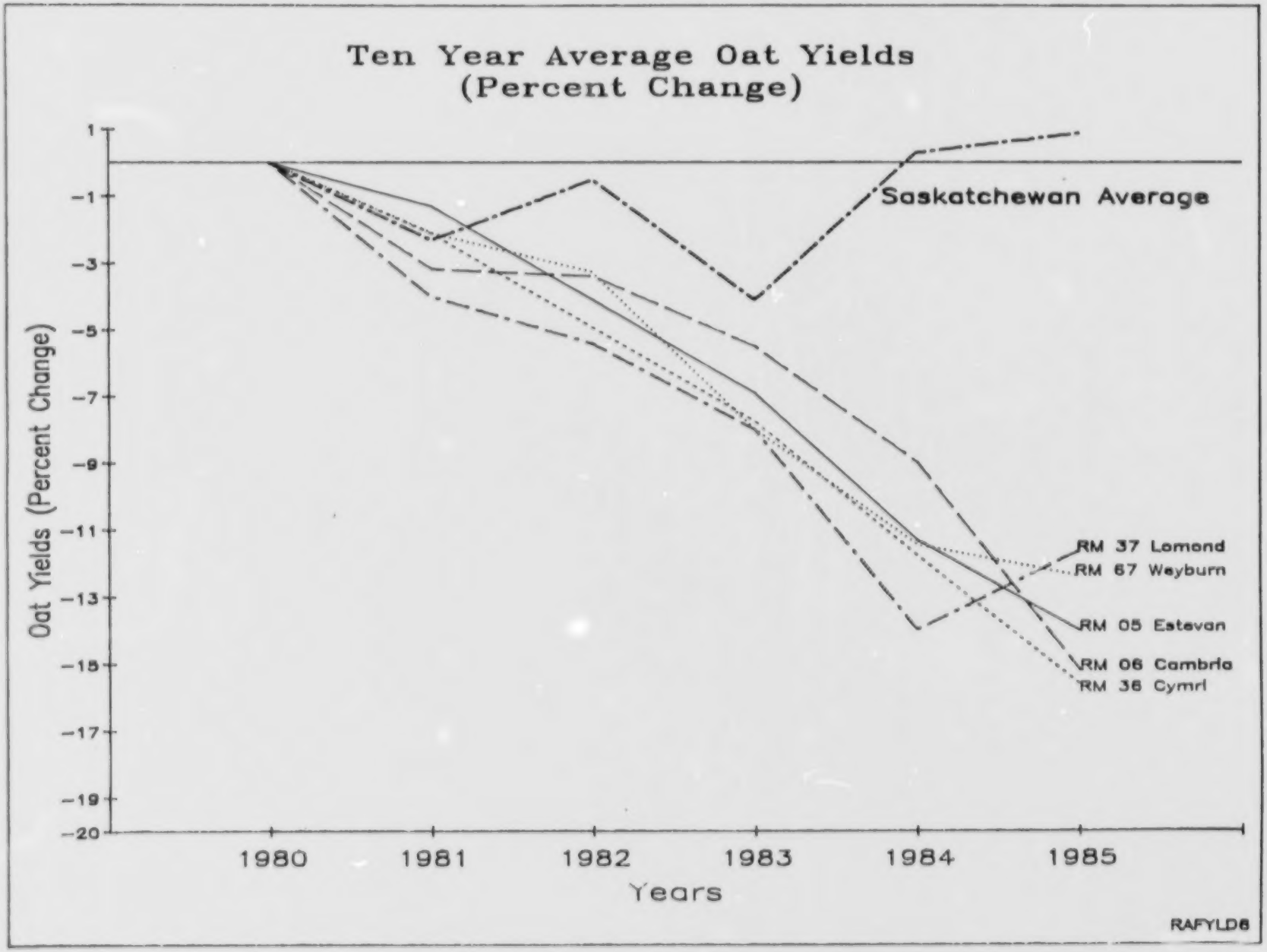

Ten Year Average Wheat Yields
(Kg/Acre)
Wheat Yeilds (Kg/Acre)
800
750
700
650
600
550
500
450
400
Saskatchewan Average
RM 06 Cambria
RM 05 Estevan
RM 36 Cymri
RM 67 Weyburn
RM 37 Lomond
1980
1981
1982
1983
1984
1985
Years
RAFYLD1

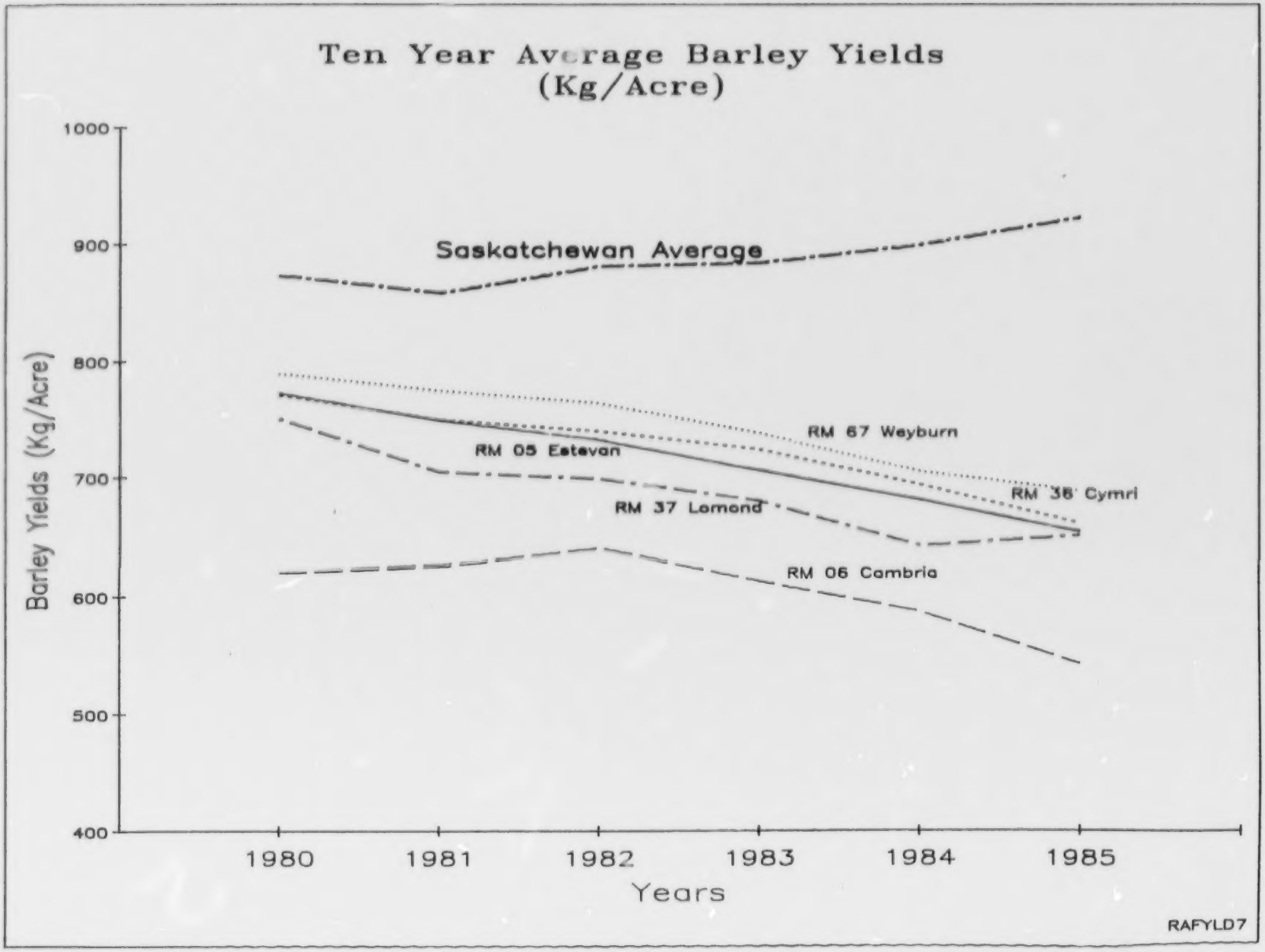

Ten Year Average Wheat Yields
(Percent Change)
Saskatchewan
RM 67 Weyburn
RM 36 Cymri
RM 06 Cambria
RM 05 Estevan
RM 37 Lomond
Wheat Yields (Percent Change)
5
3
1
-1
-3
-5
-7
-9
-11
-13
-15
-17
-19
-20
1980
1981
1982
1983
1984
1985
Years
RAFYLD2

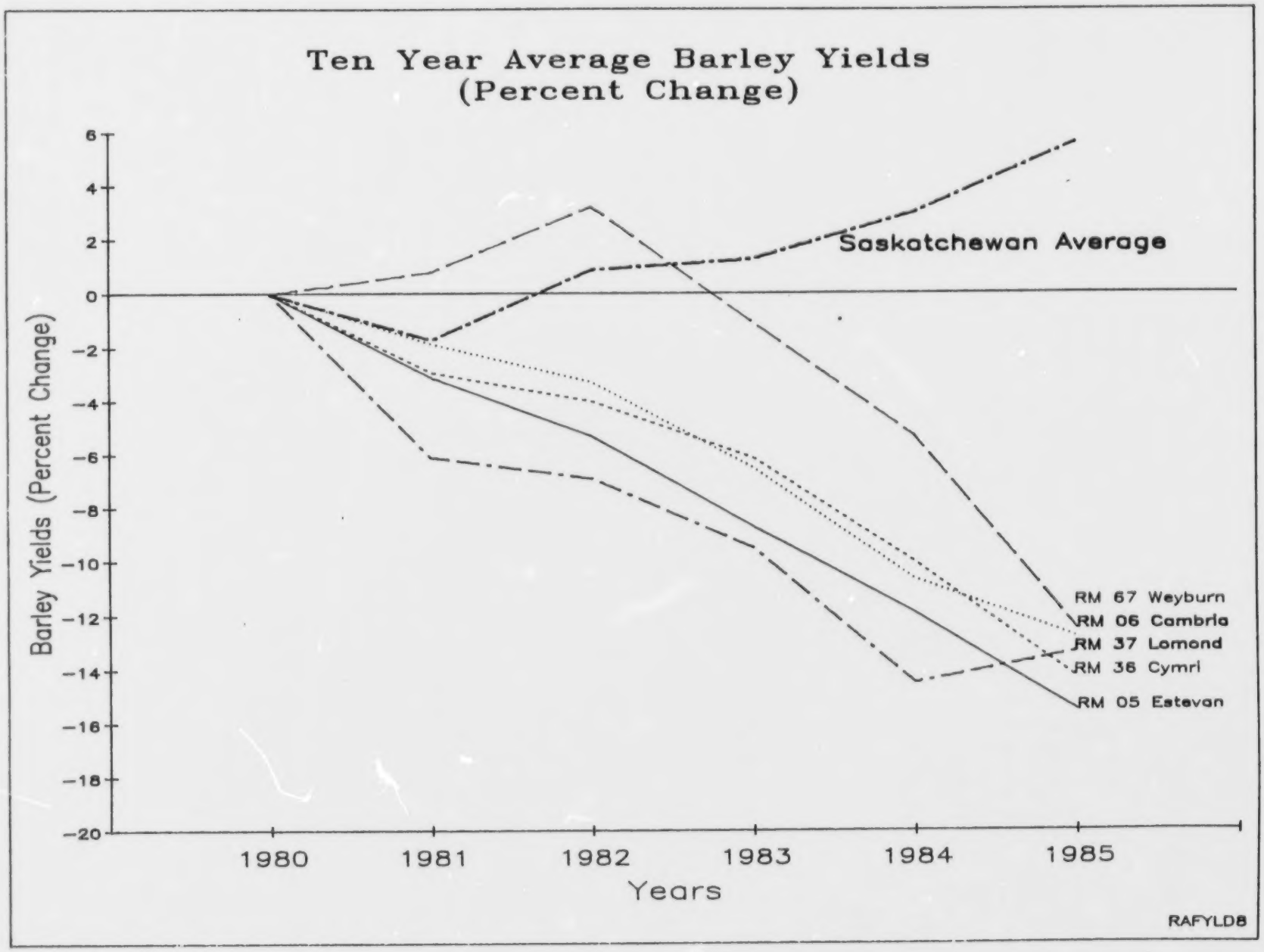

Ten Year Average Durum Yields
(Kg/Acre)
Durum Yields (Kg/Acre)
800
750
700
650
600
550
500
450
400
1980
1981
1982
1983
1984
1985
Years
Saskatchewan Average
RM 06 Cambria
RM 37 Lomond
RM 67 Weyburn
RM 36 Cymri
RM 05 Estevan
RAFYLD3

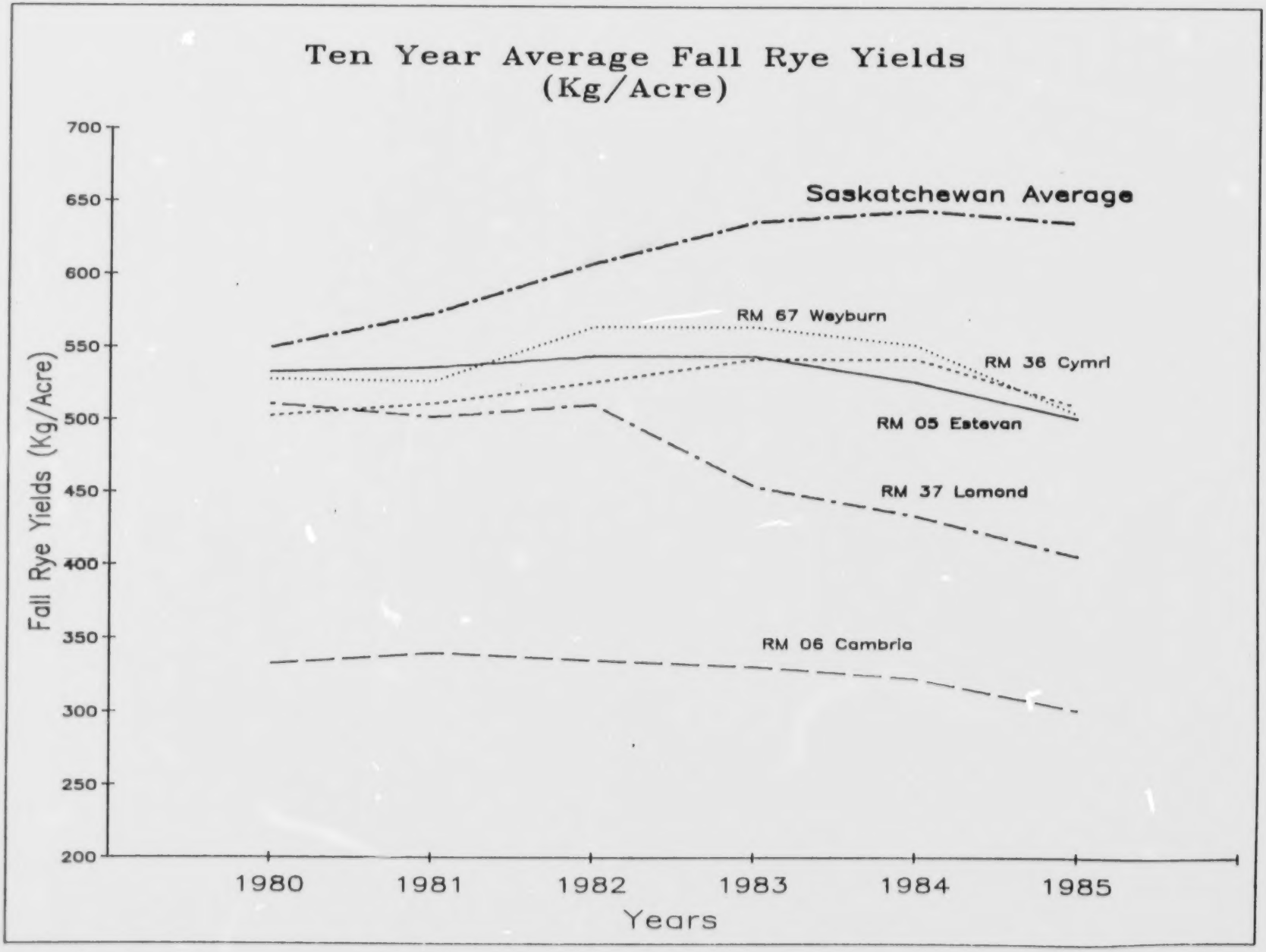

Ten Year Average Durum Yields
(Percent Change)
Durum Yields (Percent Change)
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
Saskatchewan Average
RM 67 Weyburn
RM 06 Cambria
RM 05 Estevan
RM 37 Lomond
RM 36 Cymri
1980
1981
1982
1983
1984
1985
Years
RAFYLD4

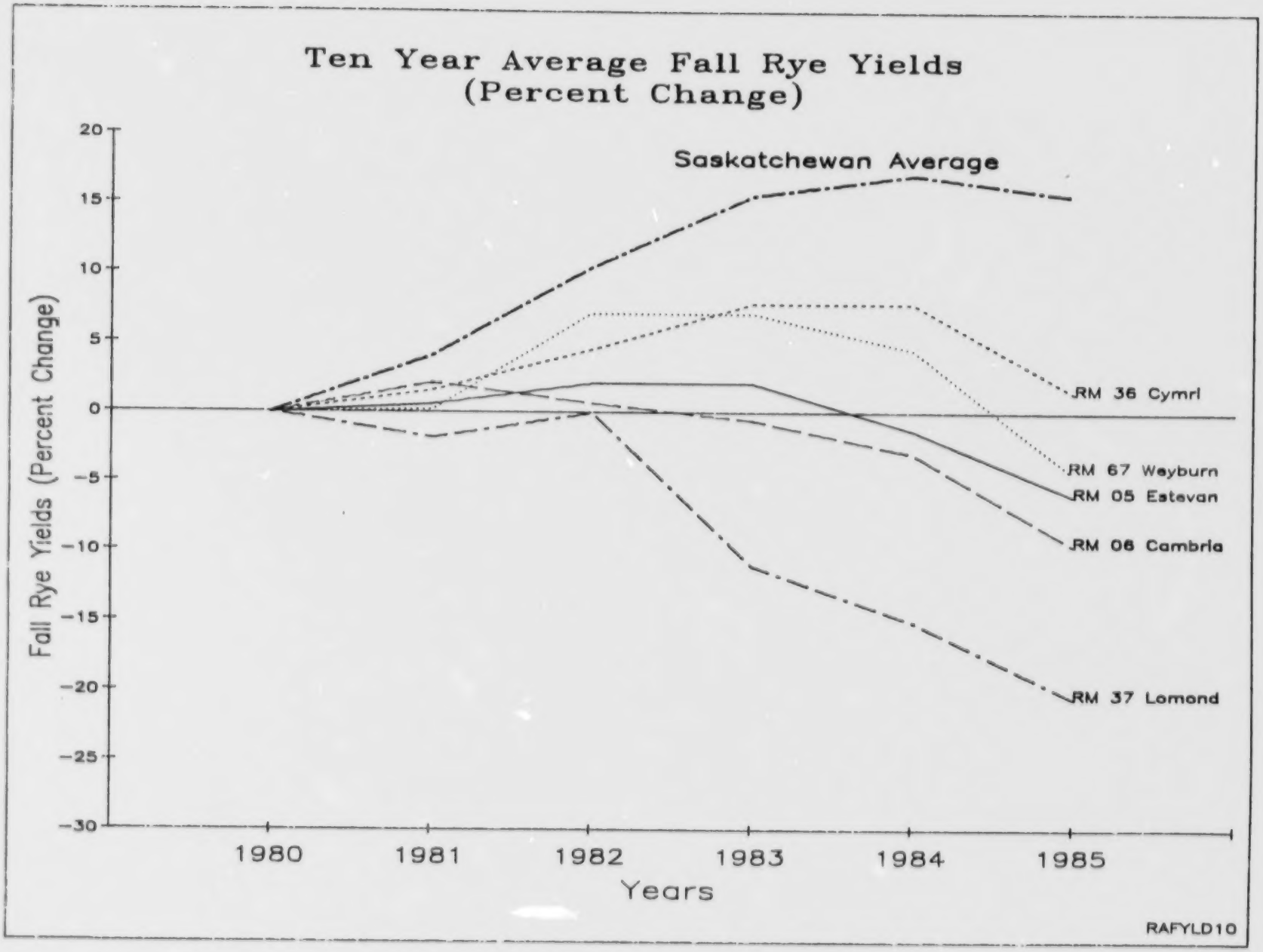

Ten Year Average Oats Yields
(Kg/Acre)
Oats Yields (Kg/Acre)
900
850
800
750
700
650
600
550
500
450
400
RM 06 Cambria
Saskatchewan Average
RM 67 Weyburn
RM 05 Estevan
RM 37 Lomond
RM 36 Cymri
1980
1981
1982
1983
1984
1985
Years
RAFYLD5

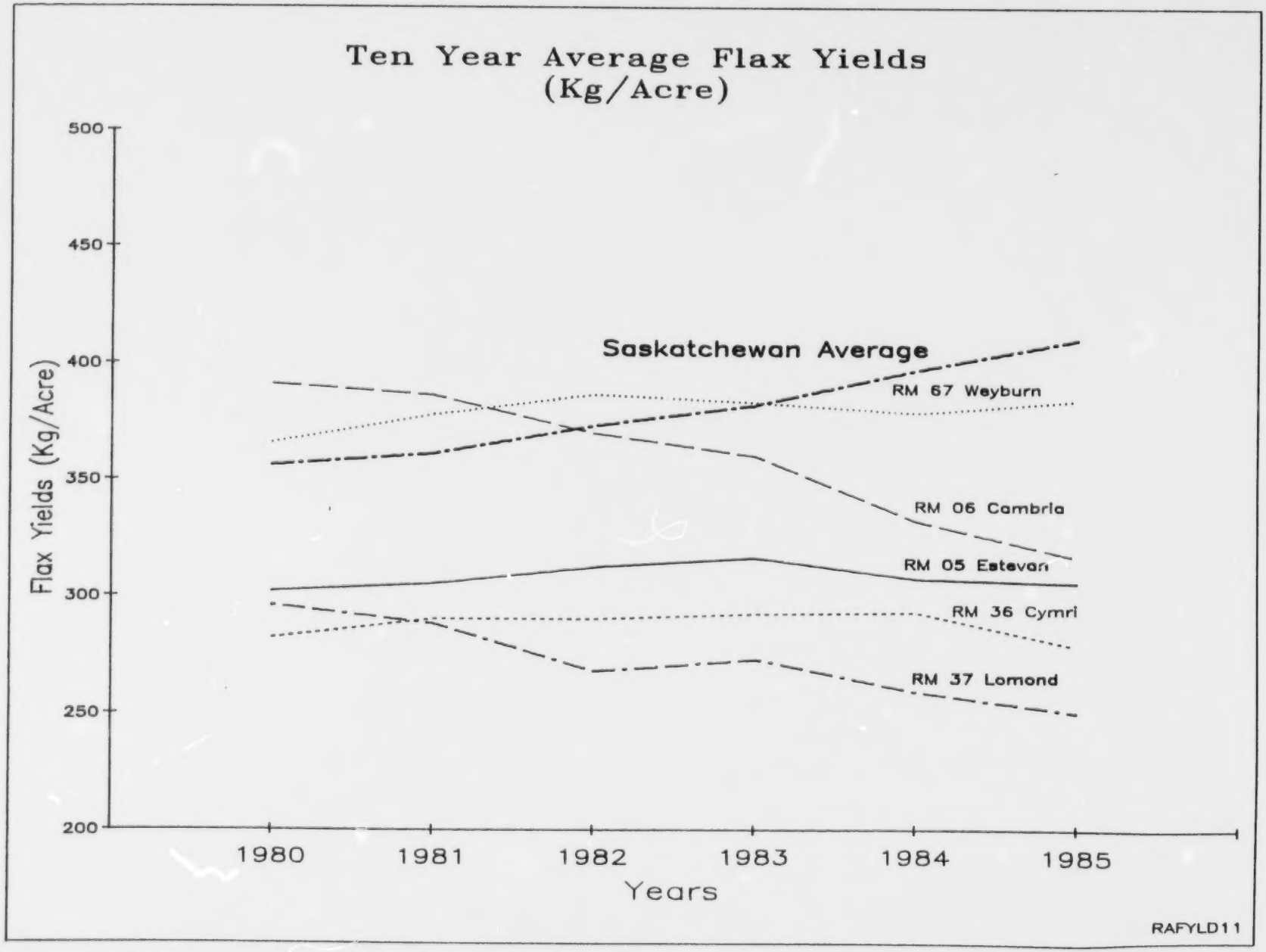

Ten Year Average Oat Yields
(Percent Change)
Oat Yields (Percent Change)
1
-1
-3
-5
-7
-9
-11
-13
-15
-17
-19
-20
1980
1981
1982
1983
1984
1985
Years
Saskatchewan Average
RM 37 Lomond
RM 67 Weyburn
RM 05 Estevan
RM 06 Cambria
RM 36 Cymri
RAFYLD6

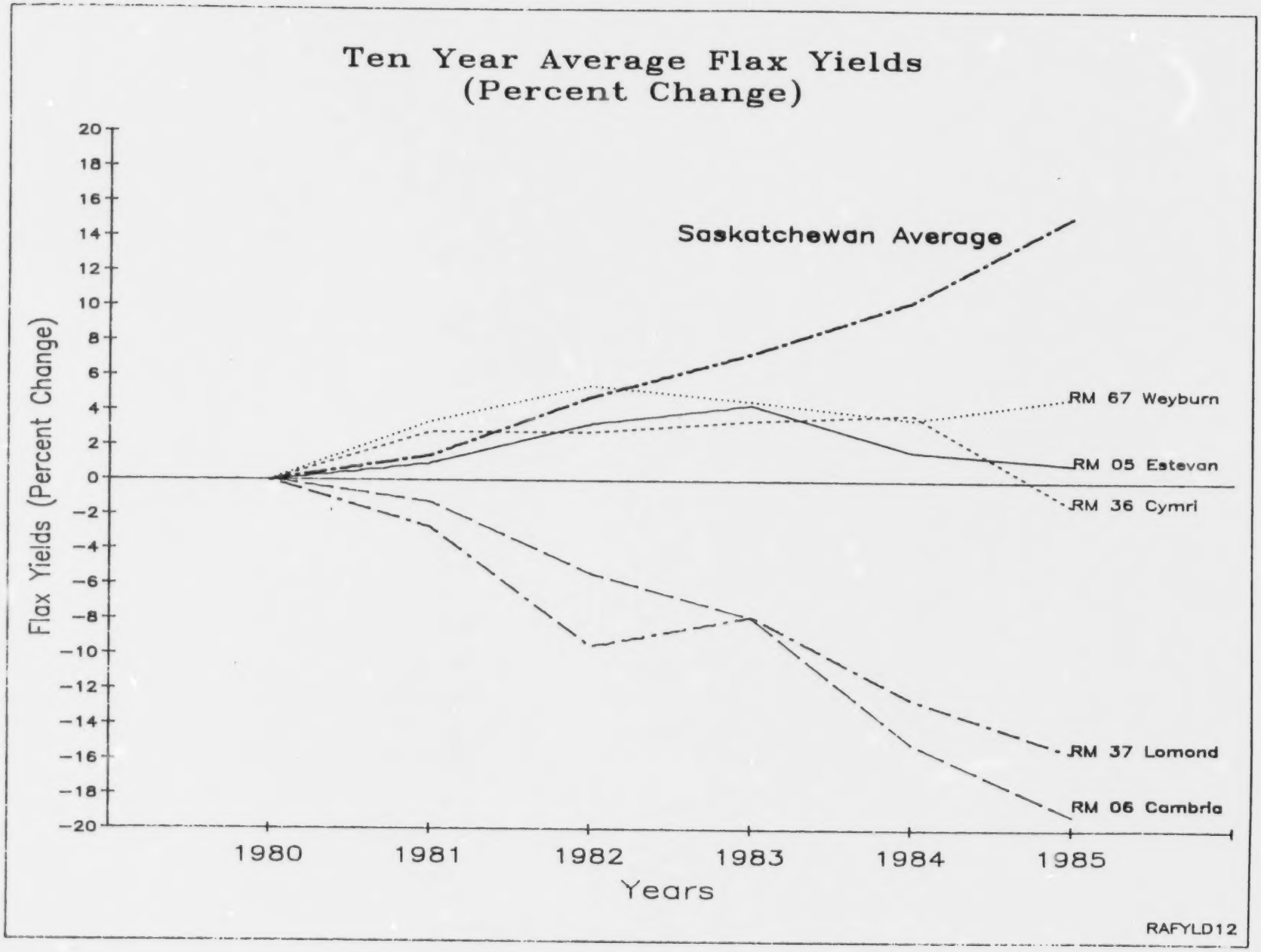

Ten Year Average Barley Yields
(Kg/Acre)
Barley Yields (Kg/Acre)
1000
900
800
700
600
500
400
Saskatchewan Average
RM 67 Weyburn
RM 05 Estevan
RM 38 Cymri
RM 37 Lomond
RM 06 Cambria
1980
1981
1982
1983
1984
1985
Years
RAFYLD7

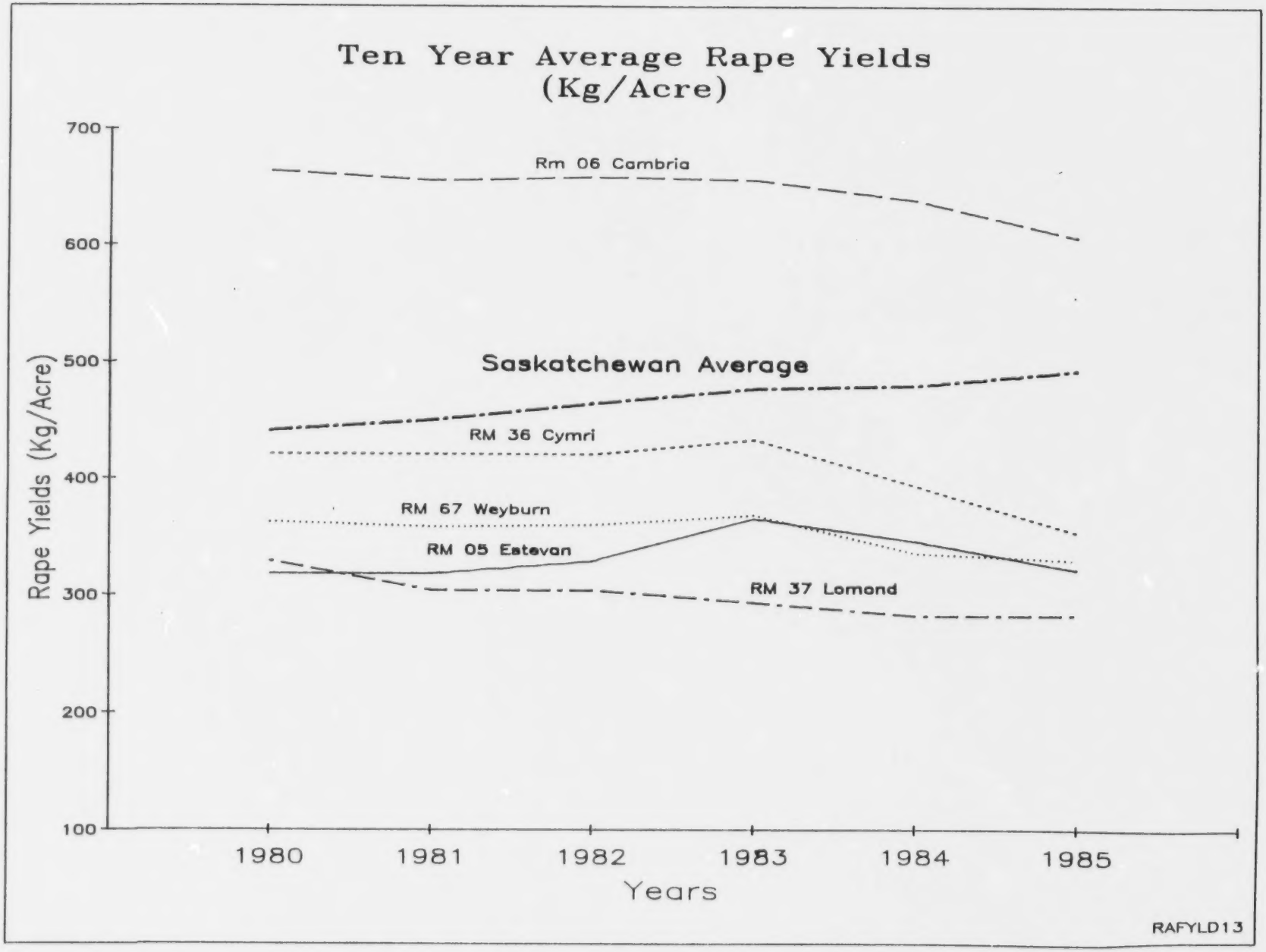

Ten Year Average Barley Yields
(Percent Change)
Barley Yields (Percent Change)
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
1980
1981
1982
1983
1984
1985
Years
Saskatchewan Average
RM 67 Weyburn
RM 06 Cambria
RM 37 Lomond
RM 36 Cymri
RM 05 Estevan
RAFYLD8

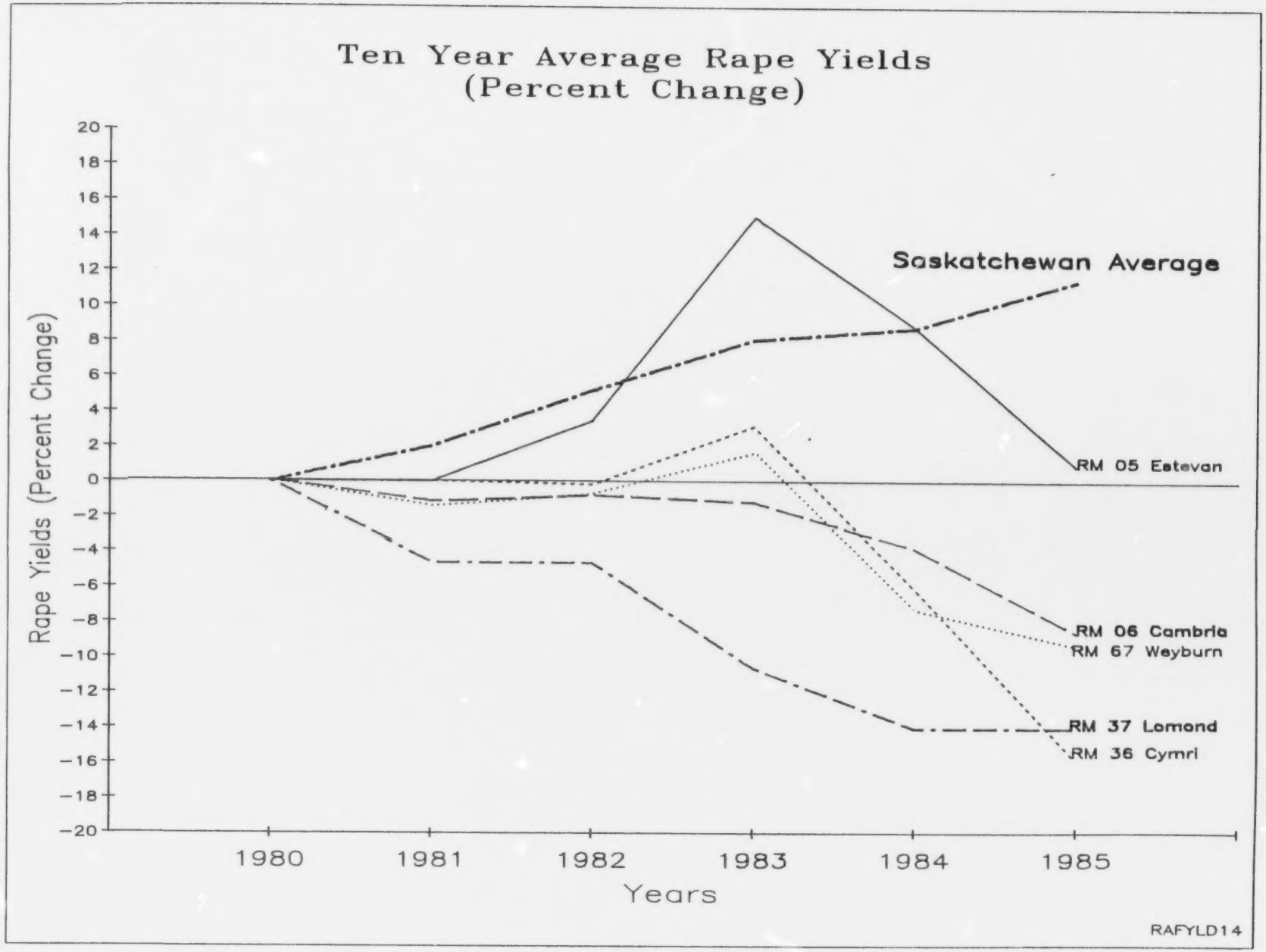

Ten Year Average Fall Rye Yields
(Kg/Acre)
Fall Rye Yields (Kg/Acre)
700
650
600
550
500
450
400
350
300
250
200
1980
1981
1982
1983
1984
1985
Years
Saskatchewan Average
RM 67 Weyburn
RM 36 Cymri
RM 05 Estevan
RM 37 Lomond
RM 06 Cambria

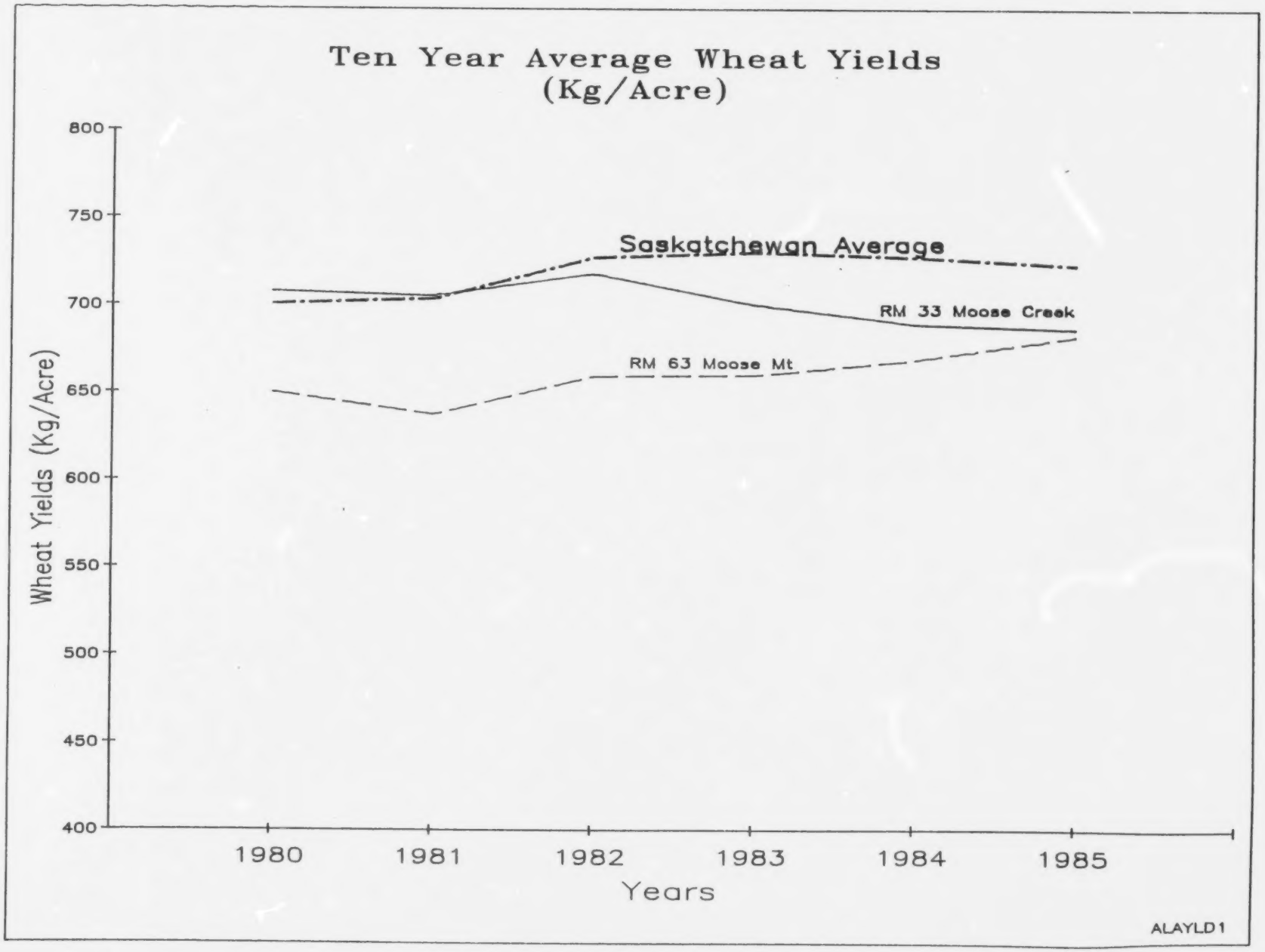

Ten Year Average Fall Rye Yields
(Percent Change)
Saskatchewan Average
RM 36 Cymri
RM 67 Weyburn
RM 05 Estevan
RM 06 Cambria
RM 37 Lomond
Fall Rye Yields (Percent Change)
20
15
10
5
0
-5
-10
-15
-20
-25
-30
1980
1981
1982
1983
1984
1985
Years
RAFYLD10

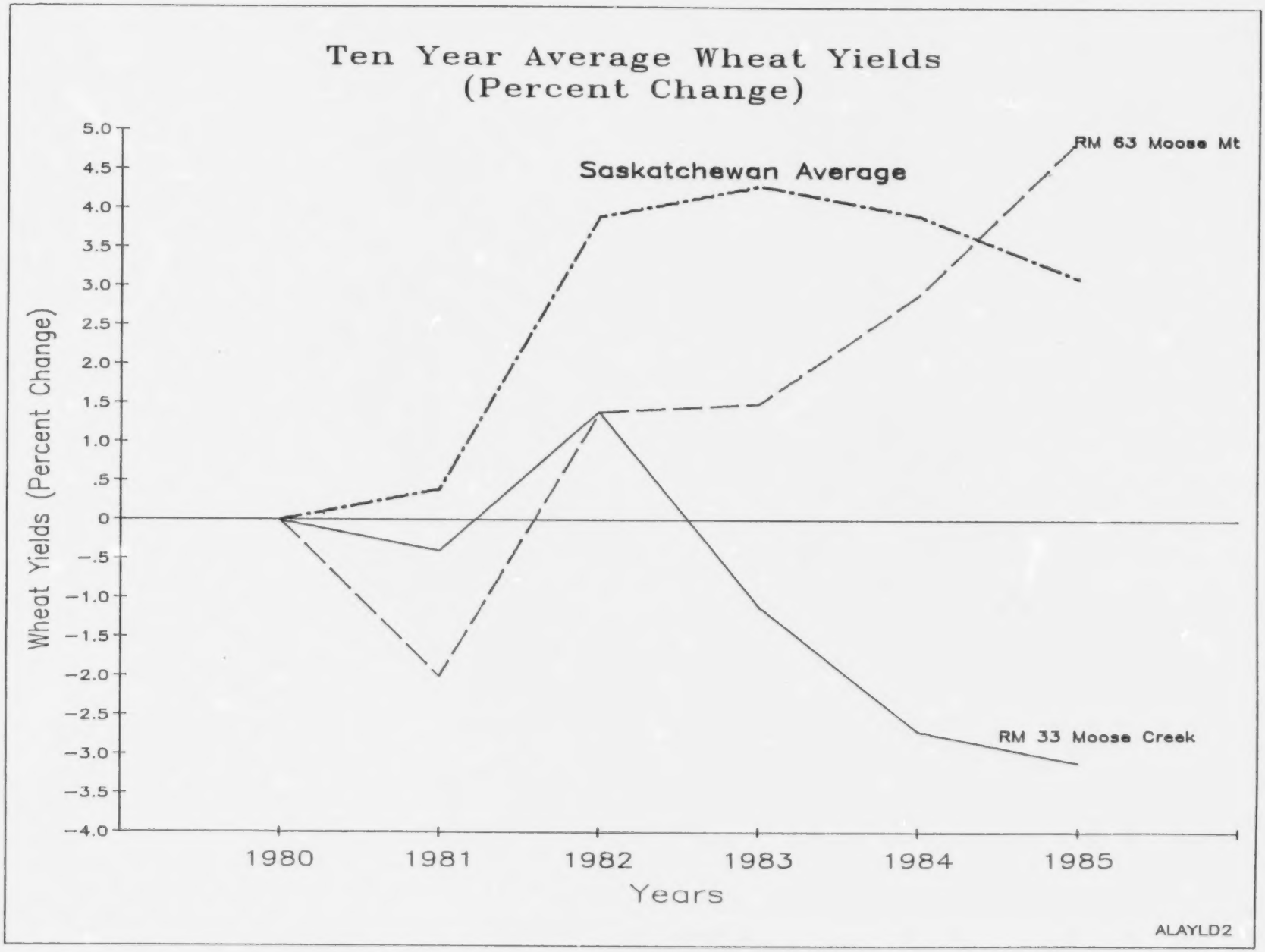

Ten Year Average Flax Yields
(Kg/Acre)
Flax Yields (Kg/Acre)
500
450
400
350
300
250
200
Saskatchewan Average
RM 67 Weyburn
RM 06 Cambria
RM 05 Estevan
RM 36 Cymri
RM 37 Lomond
1980
1981
1982
1983
1984
1985
Years
RAFYLD11


Ten Year Average Flax Yields
(Percent Change)
Flax Yields (Percent Change)
20
18
16
14
12
10
8
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
Saskatchewan Average
RM 67 Weyburn
RM 05 Estevan
RM 36 Cymri
RM 37 Lomond
RM 06 Cambria
1980
1981
1982
1983
1984
1985
Years
RAFYLD12


Ten Year Average Rape Yields
(Kg/Acre)
Rape Yields (Kg/Acre)
700
600
500
400
300
200
100
Rm 06 Cambria
Saskatchewan Average
RM 36 Cymri
RM 67 Weyburn
RM 05 Estevan
RM 37 Lomond
1980
1981
1982
1983
1984
1985
Years
RAFYLD13


Ten Year Average Rape Yields
(Percent Change)
Rape Yields (Percent Change)
20
18
16
14
12
10
8
6
4
2
0
−2
−4
−6
−8
−10
−12
−14
−16
−18
−20
1980
1981
1982
1983
1984
1985
Years
Saskatchewan Average
RM 05 Estevan
RM 06 Cambria
RM 67 Weyburn
RM 37 Lomond
RM 36 Cymri
RAFYLD14


Ten Year Average Wheat Yields
(Kg/Acre)
800
750
700
650
600
550
500
450
400
Wheat Yields (Kg/Acre)
Saskatchewan Average
RM 33 Moose Creek
RM 63 Moose Mt
1980
1981
1982
1983
1984
1985
Years
ALAYLD1


Ten Year Average Wheat Yields
(Percent Change)
Saskatchewan Average
RM 63 Moose Mt
RM 33 Moose Creek
Wheat Yields (Percent Change)
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
.5
0
-.5
-1.0
-1.5
-2.0
-2.5
-3.0
-3.5
-4.0
1980
1981
1982
1983
1984
1985
Years
ALAYLD2

Torquay

Population	1971	1976	1981	1986
0-4	39	27	22	35
5-19	119	109	85	77
20-64	148	180	147	160
65+	52	49	61	53
Total	358	365	315	325
% Change				
0-4		-30.77	-18.52	59.09
5-19		-8.40	-22.02	-9.41
20-64		21.62	-18.33	8.84
65+		-5.77	24.49	-13.11
Total		1.96	-13.70	3.17
% of Population				
0-4	10.9	7.4	7.0	10.8
5-19	33.2	29.9	27.0	23.7
20-64	41.3	49.3	46.7	49.2
65+	14.5	13.4	19.4	16.3
Total	100.0	100.0	100.0	100.0

RM 07 Bourke Valley

Population	1971	1976	1981	1986
0-4	48	47	57	44
5-19	233	165	149	154
20-64	359	313	270	281
65+	57	49	50	38
Total	697	574	526	517
% Change				
0-4		-2.08	21.28	-22.81
5-19		-29.18	-9.70	3.36
20-64		-12.81	-13.76	4.07
65+		-14.04	2.04	-24.00
Total		-17.65	-8.36	-1.71
% of Population				
0-4	6.9	8.2	10.8	8.5
5-19	33.4	28.7	28.3	29.8
20-64	51.5	54.5	51.3	54.4
65+	8.2	8.5	9.5	7.4
Total	100.0	100.0	100.0	100.0

RM 06 Cambria

Population	1971	1976	1981	1986
0-4	53	32	41	26
5-19	196	153	141	139
20-64	258	225	219	223
65+	35	24	23	23
Total	542	432	424	411
% Change				
0-4		-39.62	28.13	-36.59
5-19		-21.94	-7.84	-1.42
20-64		-13.57	-1.79	1.83
65+		-31.43	-4.17	0.00
Total		-20.30	-1.85	-3.07
% of Population				
0-4	9.8	7.4	9.7	6.3
5-19	36.2	35.4	33.3	33.8
20-64	47.6	51.6	51.7	54.3
65+	6.5	5.6	5.4	5.6
Total	100.0	100.0	100.0	100.0

Tribune

Population	1971	1976	1981	1986
0-4	18	8	12	5
5-19	72	41	24	16
20-64	73	64	55	36
65+	10	9	3	6
Total	173	122	94	63
% Change				
0-4		-55.56	50.00	-58.33
5-19		-43.06	-41.46	-33.33
20-64		-12.33	-14.06	-34.55
65+		-10.00	-66.67	100.00
Total		-29.48	-22.95	-32.98
% of Population				
0-4	10.4	6.6	12.8	7.9
5-19	41.6	33.6	25.5	25.4
20-64	42.2	52.5	58.5	57.1
65+	5.8	7.4	3.2	9.5
Total	100.0	100.0	100.0	100.0

RM 08 Lake Alex

Population	1971	1976	1981	1986
0-4	39	27	30	45
5-19	218	160	111	90
20-64	280	263	269	240
65+	41	38	36	37
Total	578	488	446	412
% Change				
0-4		-30.77	11.11	50.00
5-19		-26.61	-30.63	-18.92
20-64		-6.07	2.28	-10.78
65+		-7.32	-5.26	2.78
Total		-15.57	-8.61	-7.62
% of Population				
0-4	6.7	5.5	6.7	10.9
5-19	37.7	32.8	24.9	21.8
20-64	48.4	53.9	60.3	58.3
65+	7.1	7.8	8.1	9.0
Total	100.0	100.0	100.0	100.0

Lake Alma

Population	1971	1976	1981	1986
0-4	15	9	3	8
5-19	46	32	32	23
20-64	67	53	44	45
65+	31	27	23	26
Total	159	121	102	102
% Change				
0-4		-40.00	-66.67	166.67
5-19		-30.43	0.00	-28.13
20-64		-20.90	-16.98	2.27
65+		-12.90	-14.81	13.04
Total		-23.90	-15.70	0.00
% of Population				
0-4	9.4	7.4	2.9	7.8
5-19	28.9	26.4	31.4	22.5
20-64	42.1	43.8	43.1	44.1
65+	19.5	22.3	22.5	25.5
Total	100.0	100.0	100.0	100.0

Minton

Population	1971	1976	1981	1986
0-4	6	10	8	17
5-19	69	59	25	20
20-64	81	78	73	81
65+	35	29	34	22
Total	191	176	140	140
% Change				
0-4		66.67	-20.00	112.50
5-19		-14.49	-57.63	-20.00
20-64		-3.70	-6.41	10.96
65+		-17.14	17.24	-35.29
Total		-7.85	-20.45	0.00
% of Population				
0-4	3.1	5.7	5.7	12.1
5-19	36.1	33.5	17.9	14.3
20-64	42.4	44.3	52.1	57.9
65+	18.3	16.5	24.3	15.7
Total	100.0	100.0	100.0	100.0

RM 09 Suprise Valley

Population	1971	1976	1981	1986
0-4	47	39	33	19
5-19	169	165	141	112
20-64	231	201	214	211
65+	27	23	25	14
Total	474	428	413	356
% Change				
0-4		-17.02	-15.38	-42.42
5-19		-2.37	-14.55	-20.57
20-64		-12.99	6.47	-1.40
65+		-14.81	8.70	-44.00
Total		-9.70	-3.50	-13.80
% of Population				
0-4	9.9	9.1	8.0	5.3
5-19	35.7	38.6	34.1	31.5
20-64	48.7	47.0	51.8	59.3
65+	5.7	5.4	6.1	3.9
Total	100.0	100.0	100.0	100.0

Gladaar

Population	1971	1976	1981	1986
0-4	13	12	7	1
5-19	41	21	13	7
20-64	49	59	51	36
65+	9	9	9	14
Total	112	101	80	58
% Change				
0-4		-7.69	-41.67	-85.71
5-19		-48.78	-38.10	-46.15
20-64		20.41	-13.56	-29.41
65+		0.00	0.00	55.56
Total		-9.82	-20.79	-27.50
% of Population				
0-4	11.6	11.9	8.8	1.7
5-19	36.6	20.8	16.3	12.1
20-64	43.8	58.4	63.8	62.1
65+	8.0	8.9	11.3	24.1
Total	100.0	100.0	100.0	100.0

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RM 10 Happy Valley

Population	1971	1976	1981	1986
0-4	26	19	33	28
5-19	128	117	88	65
20-64	171	181	174	170
65+	43	37	49	28
Total	368	354	344	291
% Change				
0-4		-26.92	73.68	-15.15
5-19		-8.59	-24.79	-26.14
20-64		5.85	-3.87	-2.30
65+		-13.95	32.43	-42.86
Total		-3.80	-2.82	-15.41
% of Population				
0-4	7.1	5.4	9.6	9.6
5-19	34.8	33.1	25.6	22.3
20-64	46.5	51.1	50.6	58.4
65+	11.7	10.5	14.2	9.6
Total	100.0	100.0	100.0	100.0

RM 36 Cyprs

Population	1971	1976	1981	1986
0-4	58	37	42	47
5-19	283	259	164	146
20-64	362	363	354	314
65+	51	60	51	40
Total	754	719	611	547
% Change				
0-4		-36.2	13.5	11.9
5-19		-8.5	-36.7	-11.0
20-64		0.3	-2.5	-11.3
65+		17.6	-15.0	-21.6
Total		-4.6	-15.0	-10.5
% of Population				
0-4	7.7	5.1	6.9	8.6
5-19	37.5	36.0	26.8	26.7
20-64	48.0	50.5	57.9	57.4
65+	6.8	8.3	8.3	7.3
Total	100.0	100.0	100.0	100.0

Midale

Population	1971	1976	1981	1986
0-4	58	34	46	31
5-19	225	178	116	109
20-64	295	254	269	281
65+	106	127	125	145
Total	684	593	556	566
% Change				
0-4		-41.4	35.3	-32.6
5-19		-20.9	-34.8	-6.0
20-64		-13.9	5.9	4.5
65+		19.8	-1.6	16.0
Total		-13.3	-6.2	1.8
% of Population				
0-4	8.5	5.7	8.3	5.5
5-19	32.9	30.0	20.9	19.3
20-64	43.1	42.8	48.4	49.6
65+	15.5	21.4	22.5	25.6
Total	100.0	100.0	100.0	100.0

Melbrite

Population	1971	1976	1981	1986
0-4	21	12	15	10
5-19	66	46	38	38
20-64	86	60	59	73
65+	23	22	22	18
Total	196	140	134	139
% Change				
0-4		-42.9	25.0	-33.3
5-19		-30.3	-17.4	0.0
20-64		-30.2	-1.7	23.7
65+		-4.3	0.0	-18.2
Total		-28.6	-4.3	3.7
% of Population				
0-4	10.7	8.6	11.2	7.2
5-19	33.7	32.9	28.4	27.3
20-64	43.9	42.9	44.0	52.5
65+	11.7	15.7	16.4	12.9
Total	100.0	100.0	100.0	100.0

Macoun

Population	1971	1976	1981	1986
0-4	28	14	19	15
5-19	68	65	47	42
20-64	102	87	96	95
65+	29	28	28	24
Total	227	194	190	176
% Change				
0-4		-50.0	35.7	-21.1
5-19		-4.4	-27.7	-10.6
20-64		-14.7	10.3	-1.0
65+		-3.4	0.0	-14.3
Total		-14.5	-2.1	-7.4
% of Population				
0-4	12.3	7.2	10.0	8.5
5-19	30.0	33.5	24.7	23.9
20-64	44.9	44.8	50.5	54.0
65+	12.8	14.4	14.7	13.6
Total	100.0	100.0	100.0	100.0

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RM 37 Lasond

Population	1971	1976	1981	1986
0-4	31	37	66	32
5-19	168	137	139	135
20-64	271	234	248	237
65+	47	55	29	35
Total	517	463	482	439
% Change				
0-4		19.4	78.4	-51.5
5-19		-18.5	1.5	-2.9
20-64		-13.7	6.0	-4.4
65+		17.0	-47.3	20.7
Total		-10.4	4.1	-8.9
% of Population				
0-4	6.0	8.0	13.7	7.3
5-19	32.5	29.6	28.8	30.8
20-64	52.4	50.5	51.5	54.0
65+	9.1	11.9	6.0	8.0
Total	100.0	100.0	100.0	100.0

Colgate

Population	1971	1976	1981	1986
0-4	5	7	4	4
5-19	24	19	14	6
20-64	32	34	28	17
65+	10	11	7	7
Total	73	71	53	34
% Change				
0-4		40.0	-42.9	0.0
5-19		-26.9	-26.3	-57.1
20-64		6.3	-17.6	-39.3
65+		10.0	-36.4	0.0
Total		-2.7	-25.4	-35.8
% of Population				
0-4	6.8	9.9	7.5	11.8
5-19	35.6	26.8	26.4	17.6
20-64	43.8	47.9	52.8	50.0
65+	13.7	15.5	13.2	20.6
Total	100.0	100.0	100.0	100.0

Goodwater

Population	1971	1976	1981	1986
0-4	8	6	2	0
5-19	24	21	14	10
20-64	30	30	31	17
65+	10	6	11	5
Total	72	63	58	32
% Change				
0-4		-25.0	-66.7	-100.0
5-19		-12.5	-33.3	-28.6
20-64		0.0	3.3	-45.2
65+		-40.0	83.3	-54.5
Total		-12.5	-7.9	-44.8
% of Population				
0-4	11.1	9.5	3.4	0.0
5-19	33.3	33.3	24.1	31.3
20-64	41.7	47.6	53.4	53.1
65+	13.9	9.5	19.0	15.6
Total	100.0	100.0	100.0	100.0

RM 38 Laurier

Population	1971	1976	1981	1986
0-4	88	53	43	65
5-19	338	283	197	163
20-64	390	320	312	307
65+	58	35	36	35
Total	874	691	588	570
% Change				
0-4		-39.8	-18.9	51.2
5-19		-16.3	-30.4	-17.3
20-64		-17.9	-2.5	-1.6
65+		-39.7	2.9	-2.8
Total		-20.9	-14.9	-3.1
% of Population				
0-4	10.1	7.7	7.3	11.4
5-19	38.7	41.0	33.5	28.6
20-64	44.6	46.3	53.1	53.9
65+	6.6	5.1	6.1	6.1
Total	100.0	100.0	100.0	100.0

02/02/87

Radville

Population	1971	1976	1981	1986
0-4	63	69	77	68
5-19	253	234	227	185
20-64	387	466	485	471
65+	195	231	243	250
Total	898	1,000	1,032	974
% Change				
0-4		9.5	11.6	-11.7
5-19		-7.5	-3.0	-18.5
20-64		20.4	4.1	-2.9
65+		18.5	5.2	2.9
Total		11.4	3.2	-5.6
% of Population				
0-4	7.0	6.9	7.5	7.0
5-19	28.2	23.4	22.0	19.0
20-64	43.1	46.6	47.0	48.4
65+	21.7	23.1	23.5	25.7
Total	100.0	100.0	100.0	100.0

RM 39 The Gap

Population	1971	1976	1981	1986
0-4	44	27	45	34
5-19	234	161	103	107
20-64	304	263	238	206
65+	52	30	28	27
Total	634	481	414	374
% Change				
0-4		-38.6	66.7	-24.4
5-19		-31.2	-36.0	3.9
20-64		-13.5	-9.5	-13.4
65+		-42.3	-6.7	-3.6
Total		-24.1	-13.9	-9.7
% of Population				
0-4	6.9	5.6	10.9	9.1
5-19	36.9	33.5	24.9	28.6
20-64	47.9	54.7	57.5	55.1
65+	8.2	6.2	6.8	7.2
Total	100.0	100.0	100.0	100.0

Ceylon

Population	1971	1976	1981	1986
0-4	30	22	17	20
5-19	65	73	55	42
20-64	122	120	92	79
65+	46	55	50	47
Total	263	270	214	188
% Change				
0-4		-26.7	-22.7	17.6
5-19		12.3	-24.7	-23.6
20-64		-1.6	-23.3	-14.1
65+		19.6	-9.1	-6.0
Total		2.7	-20.7	-12.1
% of Population				
0-4	11.4	8.1	7.9	10.6
5-19	24.7	27.0	25.7	22.3
20-64	46.4	44.4	43.0	42.0
65+	17.5	20.4	23.4	25.0
Total	100.0	100.0	100.0	100.0

Hardy

Population	1971	1976	1981	1986
0-4	1	5	1	0
5-19	7	5	3	5
20-64	20	23	13	9
65+	11	6	12	12
Total	39	39	29	26
% Change				
0-4		400.0	-80.0	-100.0
5-19		-28.6	-40.0	66.7
20-64		15.0	-43.5	-30.8
65+		-45.5	100.0	0.0
Total		0.0	-25.6	-10.3
% of Population				
0-4	2.6	12.8	3.4	0.0
5-19	17.9	12.8	10.3	19.2
20-64	51.3	59.0	44.8	34.6
65+	28.2	15.4	41.4	46.2
Total	100.0	100.0	100.0	100.0

02/02/87

RM 40 Bengough

Population	1971	1976	1981	1986
0-4	53	47	47	46
5-19	320	228	168	118
20-64	376	323	320	289
65+	56	39	42	42
Total	805	637	585	495
% Change				
0-4		-11.3	0.0	-2.1
5-19		-28.8	-26.3	-29.8
20-64		-14.1	1.5	-11.9
65+		-30.4	7.7	0.0
Total		-20.9	-8.2	-15.4
% of Population				
0-4	6.6	7.4	8.0	9.3
5-19	39.8	35.8	28.7	23.8
20-64	46.7	50.7	54.1	58.4
65+	7.0	6.1	7.2	8.5
Total	100.0	100.0	100.0	100.0

Bengough

Population	1971	1976	1981	1986
0-4	33	28	40	38
5-19	141	122	71	90
20-64	281	302	260	264
65+	148	175	188	194
Total	603	627	559	586
% Change				
0-4		-15.2	42.9	-5.0
5-19		-13.5	-41.8	26.8
20-64		7.5	-13.9	1.5
65+		18.2	7.4	3.2
Total		4.0	-10.8	4.8
% of Population				
0-4	5.5	4.5	7.2	6.5
5-19	23.4	19.5	12.7	15.4
20-64	46.6	48.2	46.5	45.1
65+	24.5	27.9	33.6	33.1
Total	100.0	100.0	100.0	100.0

02/02/87

RM 66 Griffin

Population	1971	1976	1981	1986
0-4	52	41	29	33
5-19	304	279	201	136
20-64	354	344	340	346
65+	55	36	48	55
Total	765	700	618	570
% Change				
0-4		-21.2	-29.3	13.8
5-19		-8.2	-28.0	-32.3
20-64		-2.8	-1.2	1.8
65+		-34.5	33.3	14.6
Total		-8.5	-11.7	-7.8
% of Population				
0-4	6.8	5.9	4.7	5.8
5-19	39.7	39.9	32.5	23.9
20-64	46.3	49.1	55.0	60.7
65+	7.2	5.1	7.8	9.6
Total	100.0	100.0	100.0	100.0

RM 67 Weyburn

Population	1971	1976	1981	1986
0-4	104	51	85	88
5-19	403	311	379	344
20-64	615	476	588	605
65+	112	70	74	76
Total	1,234	858	1,126	1,113
% Change				
0-4		-51.0	66.7	3.5
5-19		-22.8	21.9	-9.2
20-64		-30.7	38.0	2.9
65+		-37.5	5.7	2.7
Total		-30.5	31.2	-1.2
% of Population				
0-4	8.4	5.9	7.5	7.9
5-19	32.7	36.2	33.7	30.9
20-64	49.8	49.7	52.2	54.4
65+	9.1	8.2	6.6	6.8
Total	100.0	100.0	100.0	100.0

Weyburn

Population	1971	1976	1981	1986
0-4	708	747	684	766
5-19	2,568	2,448	2,137	2,149
20-64	4,113	4,912	5,041	5,592
65+	950	1,370	1,678	1,970
Total	8,279	9,477	9,540	10,477
% Change				
0-4		5.5	-8.4	12.0
5-19		-4.4	-12.7	0.6
20-64		19.4	2.6	10.9
65+		44.2	22.5	17.4
Total		14.5	0.7	9.8
% of Population				
0-4	8.6	7.9	7.2	7.3
5-19	30.3	25.8	22.4	20.5
20-64	49.7	51.8	52.8	53.4
65+	11.5	14.5	17.6	18.8
Total	100.0	100.0	100.0	100.0

Mctaggart

Population	1971	1976	1981	1986
0-4	6	17	15	21
5-19	18	24	21	35
20-64	28	52	62	66
65+	4	3	7	2
total	56	96	105	124
% Change				
0-4		183.3	-11.8	40.0
5-19		33.3	-12.5	66.7
20-64		85.7	19.2	6.5
65+		-25.0	133.3	-71.4
total		71.4	9.4	18.1
% of Population				
0-4	10.7	17.7	14.3	16.9
5-19	32.1	25.0	20.0	28.2
20-64	50.0	54.2	59.0	53.2
65+	7.1	3.1	6.7	1.6
total	100.0	100.0	100.0	100.0

RM 68 Brolgenshell

Population	1971	1976	1981	1986
0-4	36	21	24	35
5-19	223	140	114	85
20-64	242	210	214	225
65+	28	33	33	28
total	529	404	385	373
% Change				
0-4		-41.7	14.3	45.8
5-19		-37.2	-18.6	-25.4
20-64		-13.2	1.9	5.1
65+		17.9	0.0	-15.2
total		-23.6	-4.7	-3.1
% of Population				
0-4	6.8	5.2	6.2	9.4
5-19	42.2	34.7	29.6	22.8
20-64	45.7	52.0	55.6	60.3
65+	5.3	8.2	8.6	7.5
total	100.0	100.0	100.0	100.0

RM 69 Norton

Population	1971	1976	1981	1986
0-4	29	32	40	32
5-19	205	171	123	94
20-64	289	257	260	228
65+	39	35	39	39
total	562	495	462	393
% Change				
0-4		10.3	25.0	-20.0
5-19		-16.6	-28.1	-23.6
20-64		-11.1	1.2	-12.3
65+		-10.3	11.4	0.0
total		-11.9	-6.7	-14.9
% of Population				
0-4	5.2	6.5	8.7	8.1
5-19	36.5	34.5	26.6	23.9
20-64	51.4	51.9	56.3	58.0
65+	6.9	7.1	8.4	9.9
total	100.0	100.0	100.0	100.0

Khedive

Population	1971	1976	1981	1986
0-4	10	6	8	1
5-19	40	23	10	4
20-64	52	50	36	19
65+	11	7	13	15
total	113	86	67	39
% Change				
0-4		-40.0	33.3	-87.5
5-19		-42.5	-56.5	-60.0
20-64		-3.8	-28.0	-47.2
65+		-36.4	85.7	15.4
total		-23.9	-22.1	-41.8
% of Population				
0-4	8.8	7.0	11.9	2.6
5-19	35.4	26.7	14.9	10.3
20-64	46.0	58.1	53.7	48.7
65+	9.7	8.1	19.4	38.5
total	100.0	100.0	100.0	100.0

02/03/87

Pangman

Population	1971	1976	1981	1986
0-4	21	15	24	21
5-19	68	48	38	51
20-64	110	121	116	117
65+	40	53	77	85
Total	239	237	255	274
% Change				
0-4		-28.6	60.0	-12.5
5-19		-29.4	-20.8	34.2
20-64		10.0	-4.1	0.9
65+		32.5	45.3	10.4
Total		-0.8	7.6	7.5
% of Population				
0-4	8.8	6.3	9.4	7.7
5-19	28.5	20.3	14.9	18.6
20-64	46.0	51.1	45.5	42.7
65+	16.7	22.4	30.2	31.0
Total	100.0	100.0	100.0	100.0

RM 70 Keywest

Population	1971	1976	1981	1986
0-4	68	61	49	42
5-19	316	259	189	161
20-64	501	455	387	348
65+	84	58	69	69
Total	969	833	694	620
% Change				
0-4		-10.3	-19.7	-14.3
5-19		-18.0	-27.0	-14.8
20-64		-9.2	-14.9	-10.1
65+		-31.0	19.0	0.0
Total		-14.0	-16.7	-10.7
% of Population				
0-4	7.0	7.3	7.1	6.8
5-19	32.6	31.1	27.2	26.0
20-64	51.7	54.6	55.8	56.1
65+	8.7	7.0	9.9	11.1
Total	100.0	100.0	100.0	100.0

Ogema

Population	1971	1976	1981	1986
0-4	27	33	34	28
5-19	78	87	96	66
20-64	196	199	236	215
65+	101	113	126	149
Total	402	432	492	458
% Change				
0-4		22.2	3.0	-17.6
5-19		11.5	10.3	-31.3
20-64		1.5	18.6	-8.9
65+		11.9	11.5	18.3
Total		7.5	13.9	-6.9
% of Population				
0-4	6.7	7.6	6.9	6.1
5-19	19.4	20.1	19.5	14.4
20-64	48.8	46.1	48.0	46.9
65+	25.1	26.2	25.6	32.5
Total	100.0	100.0	100.0	100.0

RM 96 Fillmore

pulation	1971	1976	1981	1986
0-4	50	41	36	22
5-19	215	173	154	137
20-64	358	300	295	296
65+	59	42	40	40
Total	682	556	525	495
% Change				
0-4		-18.0	-12.2	-38.9
5-19		-19.5	-11.0	-11.0
20-64		-16.2	-1.7	0.3
65+		-28.8	-4.8	0.0
Total		-18.5	-5.6	-5.7
% of Population				
0-4	7.3	7.4	6.9	4.4
5-19	31.5	31.1	29.3	27.7
20-64	52.5	54.0	56.2	59.8
65+	8.7	7.6	7.6	8.1
Total	100.0	100.0	100.0	100.0

Creelman

Population	1971	1976	1981	1986
0-4	11	26	23	8
5-19	71	50	33	26
20-64	110	110	100	83
65+	29	27	32	44
Total	221	213	188	161
% Change				
0-4		136.4	-11.5	-65.2
5-19		-29.6	-34.0	-21.2
20-64		0.0	-9.1	-17.0
65+		-6.9	18.5	37.5
Total		-3.6	-11.7	-14.4
% of Population				
0-4	5.0	12.2	12.2	5.0
5-19	32.1	23.5	17.6	16.1
20-64	49.8	51.6	53.2	51.6
65+	13.1	12.7	17.0	27.3
Total	100.0	100.0	100.0	100.0

02/02/87

Fillmore

Population	1971	1976	1981	1986
0-4	31	28	27	12
5-19	99	76	77	64
20-64	187	203	181	151
65+	66	103	117	117
Total	383	410	402	344
% Change				
0-4		-9.7	-3.6	-55.6
5-19		-23.2	1.3	-16.9
20-64		8.6	-10.8	-16.6
65+		56.1	13.6	0.0
Total		7.0	-2.0	-14.4
% of Population				
0-4	8.1	6.8	6.7	3.5
5-19	25.8	18.5	19.2	18.6
20-64	48.8	49.5	45.0	43.9
65+	17.2	25.1	29.1	34.0
Total	100.0	100.0	100.0	100.0

Osage

Population	1971	1976	1981	1986
0-4	2	6	3	3
5-19	19	14	9	7
20-64	34	35	17	14
65+	12	14	16	9
Total	67	69	45	33
% Change				
0-4		200.0	-50.0	0.0
5-19		-26.3	-35.7	-22.2
20-64		2.9	-51.4	-17.6
65+		16.7	14.3	-43.8
Total		3.0	-34.8	-26.7
% of Population				
0-4	3.0	8.7	6.7	9.1
5-19	28.4	20.3	20.0	21.2
20-64	50.7	50.7	37.8	42.4
65+	17.9	20.3	35.6	27.3
Total	100.0	100.0	100.0	100.0

RM 97 Wellington

Population	1971	1976	1981	1986
0-4	41	37	35	33
5-19	236	182	160	107
20-64	398	335	300	257
65+	96	84	68	65
Total	771	638	563	462
% Change				
0-4		-9.8	-5.4	-5.7
5-19		-22.9	-12.1	-33.1
20-64		-15.8	-10.4	-14.3
65+		-12.5	-19.0	-4.4
Total		-17.3	-11.8	-17.9
% of Population				
0-4	5.3	5.8	6.2	7.1
5-19	30.6	28.5	28.4	23.2
20-64	51.6	52.5	53.3	55.6
65+	12.5	13.2	12.1	14.1
Total	100.0	100.0	100.0	100.0

RM 98 Scott

Population	1971	1976	1981	1986
0-4	34	26	32	30
5-19	195	149	107	91
20-64	321	256	246	224
65+	75	37	41	40
Total	625	468	426	385
% Change				
0-4		-23.5	23.1	-6.3
5-19		-23.6	-28.2	-15.0
20-64		-20.2	-3.9	-8.9
65+		-50.7	10.8	-2.4
Total		-25.1	-9.0	-9.6
% of Population				
0-4	5.4	5.6	7.5	7.8
5-19	31.2	31.8	25.1	23.6
20-64	51.4	54.7	57.7	58.2
65+	12.0	7.9	9.6	10.4
Total	100.0	100.0	100.0	100.0

02/02/87

Yellow Grass

Population	1971	1976	1981	1986
0-4	22	25	39	68
5-19	125	120	87	108
20-64	195	255	250	265
65+	84	99	123	123
Total	426	499	499	564
% Change				
0-4		13.6	56.0	74.4
5-19		-4.0	-27.5	24.1
20-64		30.8	-2.0	6.0
65+		17.9	24.2	0.0
Total		17.1	0.0	13.0
% of Population				
0-4	5.2	5.0	7.8	12.1
5-19	29.3	24.0	17.4	19.1
20-64	45.8	51.1	50.1	47.0
65+	19.7	19.8	24.6	21.8
Total	100.0	100.0	100.0	100.0

Land

Population	1971	1976	1981	1986
0-4	12	19	21	13
5-19	86	43	27	39
20-64	150	107	116	111
65+	51	53	52	60
Total	299	222	216	223
% Change				
0-4		58.3	10.5	-38.1
5-19		-50.0	-37.2	44.4
20-64		-28.7	8.4	-4.3
65+		3.9	-1.9	15.4
Total		-25.8	-2.7	3.2
% of Population				
0-4	4.0	8.6	9.7	5.8
5-19	28.8	19.4	12.5	17.5
20-64	50.2	48.2	53.7	49.8
65+	17.1	23.9	24.1	26.9
Total	100.0	100.0	100.0	100.0

RM 99 Caledonia

Population	1971	1976	1981	1986
0-4	37	41	41	48
5-19	194	147	118	136
20-64	366	300	289	275
65+	76	50	66	50
Total	673	538	514	509
% Change				
0-4		10.8	0.0	17.1
5-19		-24.2	-19.7	15.3
20-64		-18.0	-3.7	-4.8
65+		-34.2	32.0	-24.2
Total		-20.1	-4.5	-1.0
% of Population				
0-4	5.5	7.6	8.0	9.4
5-19	28.8	27.3	23.0	26.7
20-64	54.4	55.8	56.2	54.0
65+	11.3	9.3	12.8	9.8
Total	100.0	100.0	100.0	100.0

Milestone

Population	1971	1976	1981	1986
0-4	23	54	68	53
5-19	153	110	113	153
20-64	248	332	332	318
65+	86	107	129	148
Total	510	603	642	672
% Change				
0-4		134.8	25.9	-22.1
5-19		-28.1	2.7	35.4
20-64		33.9	0.0	-4.2
65+		24.4	20.6	14.7
Total		18.2	6.5	4.7
% of Population				
0-4	4.5	9.0	10.6	7.9
5-19	30.0	18.2	17.6	22.8
20-64	48.6	55.1	51.7	47.3
65+	16.9	17.7	20.1	22.0
Total	100.0	100.0	100.0	100.0

02/02/87

RM 100 Elmsthorpe

Population	1971	1976	1981	1986
0-4	39	48	45	44
5-19	324	203	145	121
20-64	383	324	299	273
65+	58	45	42	34
Total	804	620	531	472
% Change				
0-4		23.1	-6.3	-2.2
5-19		-37.3	-28.6	-16.6
20-64		-15.4	-7.7	-8.7
65+		-22.4	-6.7	-19.0
Total		-22.9	-14.4	-11.1
% of Population				
0-4	4.9	7.7	8.5	9.3
5-19	40.3	32.7	27.3	25.6
20-64	47.6	52.3	56.3	57.8
65+	7.2	7.3	7.9	7.2
Total	100.0	100.0	100.0	100.0

Avonlea

Population	1971	1976	1981	1986
0-4	20	33	33	39
5-19	123	109	103	90
20-64	175	214	218	232
65+	61	63	70	84
Total	379	419	424	445
% Change				
0-4		65.0	0.0	18.2
5-19		-11.4	-5.5	-12.6
20-64		22.3	1.9	6.4
65+		3.3	11.1	20.0
Total		10.6	1.2	5.0
% of Population				
0-4	5.3	7.9	7.8	8.8
5-19	32.5	26.0	24.3	20.2
20-64	46.2	51.1	51.4	52.1
65+	16.1	15.0	16.5	18.9
Total	100.0	100.0	100.0	100.0

POPULATION CHARACTERISTICS

Appendix II

Project Area

- Age -

SHSP POPULATION COUNT

AREA S

	1971	1976	1981	1986
RM 05 Estevan	1,167	1,061	1,171	1,012
Estevan	9,004	9,102	9,376	10,768
RM 06 Cambria	542	432	424	411
Torquay	358	365	315	325
RM 36 Cymri	754	719	611	547
Midale	684	593	556	566
Halbrite	196	140	134	139
Macoun	227	194	190	176
RM 37 Lomond	517	463	482	439
Colgate	73	71	53	34
Goodwater	72	63	58	32
RM 67 Weyburn	1,234	858	1,126	1,113
Weyburn	8,279	9,477	9,540	10,477
Mctaggart	56	96	105	124
Total	23,163	23,634	24,141	26,163

SHSP POPULATION COUNT
Percent Change

AREA S	1976	1981	1986
RM 05 Estevan	-9.1	10.4	-13.6
Estevan	1.1	3.0	14.8
RM 06 Cambria	-20.3	-1.9	-3.1
Torquay	2.0	-13.7	3.2
RM 36 Cymri	-4.6	-15.0	-10.5
Midale	-13.3	-6.2	1.8
Halbrite	-28.6	-4.3	3.7
Macoun	-14.5	-2.1	-7.4
RM 37 Lomond	-10.4	4.1	-8.9
Colgate	-2.7	-25.4	-35.8
Goodwater	-12.5	-7.9	-44.8
RM 67 Weyburn	-30.5	31.2	-1.2
Weyburn	14.5	0.7	9.8
Mctaggart	71.4	9.4	18.1
Total	2.0	2.1	8.4

AREA S

Population	1971	1976	1981	1986
0-4	2,048	1,835	1,969	2,128
5-19	7,578	6,908	5,992	5,854
20-64	11,260	12,065	12,851	14,363
65+	2,277	2,826	3,329	3,818
Total	23,163	23,634	24,141	26,163

SHSP POPULATION COUNT

AREA A

	1971	1976	1981	1986
RM 33 Moose Creek	626	584	539	532
Alameda	346	340	315	319
RM 63 Moose Mt	831	738	749	699
Manor	490	430	405	436
Carlyle	1,140	1,200	1,165	1,212
White Bear*	580	555	495	505
Total	4,013	3,847	3,668	3,703

*Census Data

SHSP POPULATION COUNT
Percent Change

AREA A	1976	1981	1986
RM 33 Moose Creek	-6.71	-7.71	-1.30
Alameda	-1.73	-7.35	1.27
RM 63 Moose Mt	-11.19	1.49	-6.68
Manor	-12.24	-5.81	7.65
Carlyle	5.26	-2.92	4.03
White Bear*	-4.31	-10.81	2.02
Total	-4.14	-4.65	0.95

AREA A

Population	1971	1976	1981	1986
0-4	372	366	354	318
5-19	1,341	1,125	955	946
20-64	1,892	1,886	1,821	1,869
65+	408	470	538	570
Total	4,013	3,847	3,668	3,703
% Change				
0-4		-1.6	-3.3	-10.2
5-19		-16.1	-15.1	-0.9
20-64		-0.3	-3.4	2.6
65+		15.2	14.5	5.9
Total		-4.1	-4.7	1.0
% of Population				
0-4	9.3	9.5	9.7	8.6
5-19	33.4	29.2	26.0	25.5
20-64	47.1	49.0	49.6	50.5
65+	10.2	12.2	14.7	15.4
Total	100.0	100.0	100.0	100.0

% Change

0-4		-10.4	7.3	8.1
5-19		-8.8	-13.3	-2.3
20-64		7.1	6.5	11.8
65+		24.1	17.8	14.7
Total		2.0	2.1	8.4

% of Population

0-4	8.8	7.8	8.2	8.1
5-19	32.7	29.2	24.8	22.4
20-64	48.6	51.0	53.2	54.9
65+	9.8	12.0	13.8	14.6
Total	100.0	100.0	100.0	100.0

02/04/87

SHSP POPULATION COUNT

AREA S

	1971	1976	1981	1986
RM 05 Estevan	1,167	1,061	1,171	1,012
Estevan	9,004	9,102	9,376	10,768
RM 06 Cambria	542	432	424	411
Torquay	358	365	315	325
RM 36 Cymri	754	719	611	547
Midale	684	593	556	566
Halbrite	196	140	134	139
Macoun	227	194	190	176
RM 37 Lomond	517	463	482	439
Colgate	73	71	53	34
Goodwater	72	63	58	32
RM 67 Weyburn	1,234	858	1,126	1,113
Weyburn	8,279	9,477	9,540	10,477
Mctaggart	56	96	105	124
Total	23,163	23,634	24,141	26,163

SHSP POPULATION COUNT
Percent Change

AREA S	1976	1981	1986
RM 05 Estevan	-9.1	10.4	-13.6
Estevan	1.1	3.0	14.8
RM 06 Cambria	-20.3	-1.9	-3.1
Torquay	2.0	-13.7	3.2
RM 36 Cymri	-4.6	-15.0	-10.5
Midale	-13.3	-6.2	1.8
Halbrite	-28.6	-4.3	3.7
Macoun	-14.5	-2.1	-7.4
RM 37 Lomond	-10.4	4.1	-8.9
Colgate	-2.7	-25.4	-35.8
Goodwater	-12.5	-7.9	-44.8
RM 67 Weyburn	-30.8	31.2	-1.2
Weyburn	14.5	0.7	9.8
Mctaggart	71.4	9.4	18.1
Total	2.0	2.1	8.4

SHSP POPULATION COUNT

AREA A

	1971	1976	1981	1986
RM 33 Moose Creek	626	584	539	532
Alameda	346	340	315	319
RM 63 Moose Mt	831	738	749	699
Manor	490	430	405	436
Carlyle	1,140	1,200	1,165	1,212
White Bear*	580	555	495	505
Total	4,013	3,847	3,668	3,703

*Census Data

SHSP POPULATION COUNT
Percent Change

AREA A	1976	1981	1986
RM 33 Moose Creek	-6.71	-7.71	-1.30
Alameda	-1.73	-7.35	1.27
RM 63 Moose Mt	-11.19	1.49	-6.68
Manor	-12.24	-5.81	7.65
Carlyle	5.26	-2.92	4.03
White Bear*	-4.31	-10.81	2.02
Total	-4.14	-4.65	0.95

AREA A

Population	1971	1976	1981	1986
0-4	372	366	354	318
5-9	464	330	291	365
10-14	450	387	311	293
Sub Total	1,286	1,083	956	976
14-19	427	408	353	283
Sub Total	1,713	1,491	1,309	1,259
15+	2,727	2,764	2,712	2,727
TOTAL	4,013	3,847	3,668	3,703

02/04/87

AREA 6

Population	1971	1976	1981	1986
0-4	2,048	1,835	1,969	2,128
5-9	2,548	1,921	1,759	2,064
10-14	2,613	2,405	1,835	1,840
Sub Total	7,209	6,161	5,563	6,032
14-19	2,417	2,582	2,398	1,950
Sub Total	9,626	8,743	7,961	7,982
15+	15,954	17,473	18,578	20,131
TOTAL	23,163	23,634	24,141	26,163

% Change			
0-4	-10.4	7.3	8.1
5-9	-24.6	-8.4	17.3
10-14	-8.0	-23.7	0.3
Sub Total	-14.5	-9.7	8.4
14-19	6.8	-7.1	-18.7
Sub Total	-9.2	-8.9	0.3
15+	9.5	6.3	8.4
TOTAL	2.0	2.1	8.?

% of Population			
0-4	8.8	7.8	8.2	8.1
5-9	11.0	8.1	7.3	7.9
10-14	11.3	10.2	7.6	7.0
Sub Total	31.1	26.1	23.0	23.1
14-19	10.4	10.9	9.9	7.5
Sub Total	41.6	37.0	33.0	30.5
15+	68.9	73.9	77.0	76.9
TOTAL	100.0	100.0	100.0	100.0

% Change			
0-4	-1.61	-3.28	-10.17
5-9	-28.68	-11.82	25.43
10-14	-14.00	-19.64	-5.79
Sub Total	-15.79	-11.73	2.09
14-19	-4.45	-13.48	-19.83
Sub Total	-12.96	-12.21	-3.82
15+	1.36	-1.88	0.55
TOTAL	-4.14	-4.65	0.95

% of Population				
0-4	9.3	9.5	9.7	8.6
5-9	11.6	8.6	7.9	9.9
10-14	11.2	10.1	8.5	7.9
Sub Total	32.0	28.2	26.1	26.4
14-19	10.6	10.6	9.6	7.6
Sub Total	42.7	38.8	35.7	34.0
15+	68.0	71.8	73.9	73.6
TOTAL	100.0	100.0	100.0	100.0

POPULATION CHARACTERISTICS

Appendix II

Project Area

- Age -

- Sex -

- Distribution -

APPENDIX II

AREA A - FEMALE

					Percent Change		
	1971	1976	1981	1986	1976	1981	1986
SHSP Population Count:							
RM 33 Moose Creek	280	264	241	240	-5.71	-8.71	-0.41
Alameda	173	170	152	157	-1.73	-10.59	3.29
RM 63 Moose Mt.	396	349	348	336	-11.87	-0.29	-3.45
Manor	587	619	604	630	5.45	-2.42	4.30
Carlyle	231	211	197	203	-8.66	-6.64	3.05
White Bear*	265	260	255	260	-1.89	-1.92	1.96
Total	1,932	1,873	1,797	1,826	-3.05	-4.06	1.61
Population:							
0-4	209	185	180	146	-11.48	-2.70	-18.89
5-9	227	177	154	185	-22.03	-12.99	20.13
10-14	222	187	151	163	-15.77	-19.25	7.95
Sub Total	658	549	485	494	-16.57	-11.66	1.86
15-19	191	208	169	153	8.90	-18.75	-9.47
Sub Total	849	757	654	647	-10.84	-13.61	-1.07
20-64	878	894	874	883	1.82	-2.24	1.03
Sub Total	1,727	1,651	1,528	1,530	-4.40	-7.45	0.13
15+	1,274	1,324	1,312	1,332	3.92	-0.91	1.52
65+	205	222	269	296	8.29	21.17	10.04
Total	1,932	1,873	1,797	1,826	-3.05	-4.06	1.61
Percent of Population:							
0-4	10.8	9.9	10.0	8.0			
5-9	11.7	9.5	8.6	10.1			
10-14	11.5	10.0	8.4	8.9			
Sub Total	34.1	29.3	27.0	27.1			
15-19	9.9	11.1	9.4	8.4			
Sub Total	43.9	40.4	36.4	35.4			
20-64	45.4	47.7	48.6	48.4			
Sub Total	89.4	88.1	85.0	83.8			
15+	65.9	70.7	73.0	72.9			
65+	10.6	11.9	15.0	16.2			
Total	100.0	100.0	100.0	100.0			

*Census Data

APPENDIX II

AREA A - MALE

					Percent Change		
	1971	1976	1981	1986	1976	1981	1986
SHSP Population Count:							
RM 33 Moose Creek	346	320	298	292	-7.51	-6.88	-2.01
Alameda	173	170	163	162	-1.73	-4.12	-0.61
RM 63 Moose Mt.	435	389	401	363	-10.57	-3.08	-9.48
Manor	553	581	561	582	5.06	-3.44	3.74
Carlyle	259	219	208	233	-15.44	-5.02	12.02
White Bear*	315	295	240	245	-6.35	-18.64	2.08
Total	2,081	1,974	1,871	1,877	-5.14	-5.22	0.32
Population:							
0-4	163	181	174	174	11.04	-3.87	0.00
5-9	237	153	137	182	-35.44	-10.46	32.85
10-14	228	200	160	132	-12.28	-20.00	-17.50
Sub Total	628	534	471	488	-14.97	-11.80	3.61
15-19	236	200	189	137	-15.25	-5.50	-27.51
Sub Total	864	734	660	625	-15.05	-10.08	-5.30
20-64	1,014	992	942	983	-2.17	-5.04	4.35
Sub Total	1,878	1,726	1,602	1,608	-8.09	-7.18	0.37
15+	1,453	1,440	1,400	1,389	-0.89	-2.78	-0.79
65+	203	248	269	269	22.17	8.47	0.00
Total	2,081	1,974	1,871	1,877	-5.14	-5.22	0.32
Percent of Population:							
0-4	7.8	9.2	9.3	9.3			
5-9	11.4	7.8	7.3	9.7			
10-14	11.0	10.1	8.6	7.0			
Sub Total	30.2	27.1	25.2	26.0			
15-19	11.3	10.1	10.1	7.3			
Sub Total	41.5	37.2	35.3	33.3			
20-64	48.7	50.3	50.3	52.4			
Sub Total	90.2	87.4	85.6	85.7			
15+	69.8	72.9	74.8	74.0			
65+	9.8	12.6	14.4	14.3			
Total	100.0	100.0	100.0	100.0			

*Census Data

APPENDIX II

AREA S - FEMALE

SHSP Population Count:	1971	1976	1981	1986	Percent Change 1976	1981	1986
RM 05 Estevan	544	492	538	454	-9.6	9.3	-15.6
Estevan	4,535	4,563	4,722	5,317	0.6	3.5	12.6
RM 06 Cambria	255	231	190	183	-9.4	-17.7	-3.7
Torquay	183	176	146	147	-3.8	-17.0	0.7
RM 36 Cymri	338	332	276	259	-1.8	-16.9	-6.2
Midale	350	294	276	277	-16.0	-6.1	0.4
Halbrite	94	65	61	61	-30.9	-6.2	0.0
Macoun	104	97	93	84	-6.7	-4.1	-9.7
RM 37 Lomond	236	216	237	222	-8.5	9.7	-6.3
Colgate	28	35	26	18	25.0	-25.7	-30.8
Goodwater	42	37	29	13	-11.9	-21.6	-55.2
RM 67 Weyburn	596	404	518	511	-32.2	28.2	-1.4
Weyburn	4,294	4,789	4,857	5,370	11.5	1.4	10.6
McTaggart	32	47	46	64	46.9	-2.1	39.1
Total	11,631	11,778	12,015	12,980	1.3	2.0	8.0

APPENDIX II

AREA S - FEMALE

						Percent Change		
		1971	1976	1981	1986	1976	1981	1986
Population:								
0-4		1,005	870	966	1,061	-13.4	11.0	9.8
5-9		1,264	934	846	982	-26.1	-9.4	16.1
10-14		1,278	1,176	873	884	-8.0	-25.8	1.3
	Sub Total	3,547	2,980	2,685	2,927	-16.0	-9.9	9.0
15-19		1,213	1,267	1,156	954	4.5	-8.8	-17.5
	Sub Total	4,760	4,247	3,841	3,881	-10.8	-9.6	1.0
20-64		5,679	6,012	6,335	6,937	5.9	5.4	9.5
	Sub Total	10,439	10,259	10,176	10,818	-1.7	-0.8	6.3
15+		8,084	8,798	9,330	10,053	8.8	6.0	7.7
65+		1,192	1,519	1,839	2,162	27.4	21.1	17.6
Total		11,631	11,778	12,105	12,980	1.3	2.0	8.0
Percent of Population:								
0-4		8.6	7.4	8.0	8.2			
5-9		10.9	7.9	7.0	7.6			
10-14		11.0	10.0	7.3	6.8			
	Sub Total	30.5	25.3	22.3	22.6			
15-19		10.4	10.8	9.6	7.3			
	Sub Total	40.9	36.1	32.0	29.9			
20-64		48.8	51.0	52.7	53.4			
	Sub Total	89.8	87.1	84.7	83.3			
15+		69.5	74.7	77.7	77.4			
65+		10.2	12.9	15.3	16.7			
Total		100.0	100.0	100.0	100.0			

APPENDIX II

AREA S - MALE

					Percent Change		
	1971	1976	1981	1986	1976	1981	1986
SHSP Population Count:							
RM 05 Estevan	623	569	633	558	-8.7	11.2	-11.8
Estevan	4,469	4,539	4,654	5,451	1.6	2.5	17.1
RM 06 Cambria	287	231	234	228	-19.5	1.3	-2.6
Torquay	175	189	169	178	8.0	-10.6	5.3
RM 36 Cymri	416	387	335	288	-7.0	-13.4	-14.0
Midale	334	299	280	289	-10.5	-6.4	3.2
Halbrite	102	75	73	78	-26.5	-2.7	6.8
Macoun	123	97	97	92	-21.1	0.0	-5.2
RM 37 Lomond	281	247	245	217	-12.1	-0.8	-11.4
Colgate	45	36	27	16	-20.0	-25.0	-40.7
Goodwater	30	26	29	19	-13.3	11.5	-34.5
RM 67 Weyburn	638	454	608	602	-28.8	33.9	-1.0
Weyburn	3,985	4,688	4,683	5,107	17.6	-0.1	9.1
McTaggart	24	49	59	60	104.2	20.4	1.7
Total	11,532	11,886	12,126	13,183	3.1	2.0	8.7

APPENDIX II

AREA S - MALE

						Percent Change		
		1971	1976	1981	1986	1976	1981	1986
Population:								
0-4		1,043	969	1,003	1,067	-7.1	3.5	6.4
5-9		1,284	994	913	1,082	-22.6	-8.1	18.5
10-14		1,335	1,226	962	956	-8.2	-21.5	-0.6
	Sub Total	3,662	3,189	2,878	3,105	-12.9	-9.8	7.9
15-19		1,204	1,312	1,242	996	9.0	-5.3	-19.8
	Sub Total	4,866	4,501	4,120	4,101	-7.5	-8.5	-0.5
20-64		5,581	6,072	6,516	7,426	8.8	7.3	14.0
	Sub Total	10,447	10,573	10,636	11,527	1.2	0.6	8.4
15+		7,870	8,697	9,248	10,078	10.5	6.3	9.0
65+		1,085	1,313	1,490	1,656	21.0	13.5	11.1
Total		11,532	11,886	12,126	13,183	3.1	2.0	8.7
Percent of Population:								
0-4		9.0	8.2	8.3	8.1			
5-9		11.1	8.4	7.5	8.2			
10-14		11.6	10.3	7.9	7.3			
	Sub Total	31.8	26.8	23.7	23.6			
15-19		10.4	11.0	10.2	7.6			
	Sub Total	42.2	37.9	34.0	31.1			
20-64		48.4	51.1	53.7	56.3			
	Sub Total	90.6	89.0	87.7	87.4			
15+		68.2	73.2	76.3	76.4			
65+		9.4	11.0	12.3	12.6			
Total		100.0	100.0	100.0	100.0			

APPENDIX THREE

BAND PROFILE: White Bear #365

Source: Indian and Northern Affairs Canada

APPENDIX THREE

BAND PROFILE: White Bear #365

DISTRICT: Yorkton

CHIEF: B. Standingready
ELECTED: June 19, 1985
NEXT ELECTION: 1987

COUNCILLORS:

John Douglas Bigeagle #631	Elmer Lonethunder #691
David Littlechief #436	Neil Bruce Kakakaway #845
Susan Ada Maxie #790	Alfred McArthur #317
Edward H.L. Littlechief #869	E.J. Leslie McArthur #572
Angus Littlechief #506	Francis Lonechild #541
Celina Mary Shepherd #760	Maria Shepherd #883

RESERVES:

Number and Name	Area (Acres)	Location (Main Reserve)
#70 White Bear	29,904	13 km south of Carlyle
#70 White Bear	13,000	8 km north of Kisby

HISTORY: White Bear Band signed Treaty 4 on September 9, 1875.
Member of Parl.: A. Hamilton (PC - Qu'Appelle/Moose Mountain)
Member of L.A.: E.A. Berntson (PC - Souris-Cannington)

MEMBERSHIP: (DATE: September 25/86 Regional Pop. Stats)
ON-RESERVE: 665 (%) OFF: 790 (%) TOTAL: 1,455
OTHER ON-RESERVE: 45

LAND ENTITLEMENT STATUS: (DATE: March 9, 1986) - N/A

SOCIAL DEVELOPMENT: (DATE: February 4, 1986)
(%) RECEIVING SOCIAL ASSISTANCE: June - 71% October - 70%
PROGRAM ADMINISTERED BY: Band

RESOURCE ECONOMIC AND EMPLOYMENT DEVELOPMENT: (DATE: March, 1986)
LAND BASE: 2,290 acres of cropland - balance 40,614 pasture, woodland, and water
MAIN ECONOMIC BASE: Recreation Land
EMPLOYMENT: Resort Complex, store, handi-craft production, golf course, seven farmers and Band pasture project.

BAND MANAGEMENT: (DATE: August 1986)
PROGRAMS AND DOLLARS ADMINISTERED BY THE BAND:
Education 713.0, Community infrastructure 384.2, Soc. Dev. 876.0
Band Support 135.3, Core Funding 69.2, Ec. Dev. 116.8 = 2,294.5
ALTERNATIVE FUNDING ARRANGEMENTS: N/A

COMMUNITY INFRASTRUCTURE: (DATE: August 1986)
FACILITIES: Arena, Band Office, Health Building
CAPITAL PROJECTS: Road design 15.0, Water supply 250.0
HOUSING ALLOCATION 1986/87: 8 RENOVATIONS: 2

EDUCATION: (DATE: November 1, 1985)

Schools	Control	Grades	Enrolment
White Bear	Band	1-12	186
White Bear Federal	Federal	K4-K5	40
Marieval	Band (Residence)	K4-12	24
Carlyle	Provincial	1-12	21
Manor	Provincial	K5-12	9

Source: Indian and Northern Affairs Canada